

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPICI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPICI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRSEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	27	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	28	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,			
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008			

10/580,237

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 06:09:30 ON 23 JUN 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 06:09:48 ON 23 JUN 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 JUN 2008 HIGHEST RN 1029806-10-7

DICTIONARY FILE UPDATES: 22 JUN 2008 HIGHEST RN 1029806-10-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

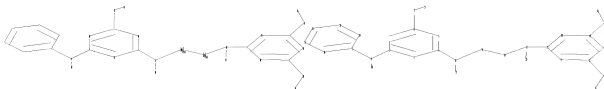
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10580237NEW.str

10/580,237



```
chain nodes :
7 8 9 10 11 12 14 20 21 22 33 34 35 36
ring nodes :
1 2 3 4 5 6 13 15 16 17 18 19 23 28 29 30 31 32
chain bonds :
2-9 4-7 6-8 7-11 8-12 8-14 9-10 9-13 14-20 20-21 21-22 21-23 29-33
31-34 33-36 34-35
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 13-15 13-19 15-16 16-17 17-18 18-19 23-28
23-32 28-29 29-30 30-31 31-32
exact/norm bonds :
2-9 4-7 6-8 9-13 14-20 20-21 21-23 29-33 31-34
exact bonds :
7-11 8-12 8-14 9-10 21-22 33-36 34-35
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 13-15 13-19 15-16 16-17 17-18 18-19 23-28
23-32 28-29 29-30 30-31 31-32
isolated ring systems :
containing 1 : 13 : 23 :
```

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:CLASS 22:CLASS 23:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom
33:CLASS 34:CLASS 35:CLASS 36:CLASS
Generic attributes :
20:
Saturation : Unsaturated
Type of Ring System : Monocyclic
```

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

10/580,237

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 06:10:16 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 956 TO ITERATE

100.0% PROCESSED 956 ITERATIONS

21 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 17266 TO 20974

PROJECTED ANSWERS: 145 TO 693

L2 21 SEA SSS SAM L1

=> d scan

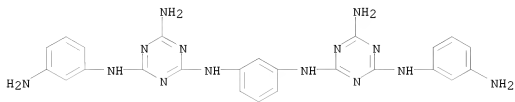


10/580,237

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 1,3,5-Triazine-2,4,6-triamine, N,N'''-1,3-phenylenebis[N'-(3-aminophenyl)-  
(9CI)

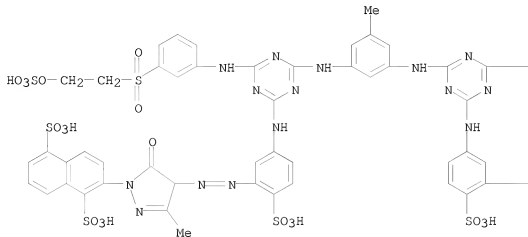
MF C24 H24 N14



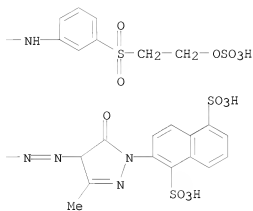
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1,5-Naphthalenedisulfonic acid, 2,2'-[(5-methyl-1,3-phenylene)bis[imino[6-  
 [[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-  
 diyl]imino(6-sulfo-3,1-phenylene)azo(4,5-dihydro-3-methyl-5-oxo-1H-  
 pyrazole-4,1-diyl)]bis- (9CI)  
 MF C69 H60 N20 O32 S10

PAGE 1-A



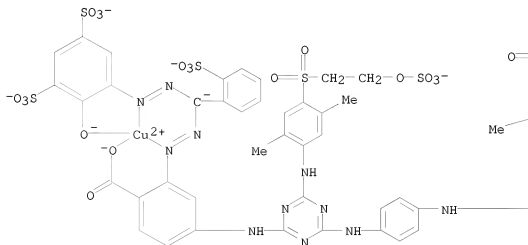
PAGE 1-B



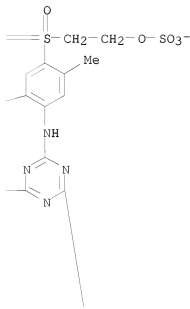
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN Cuprate(10-), [ $\mu$ -[[4,4'-[1,4-phenylenebis(imino[6-[[2,5-dimethyl-4-[[2-(sulfooxy)ethylsulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[2-[[[(2-hydroxy-3,5-disulfophenyl)azo](2-sulfophenyl)methyl]azo]benzoato]](14-))]di- (9CI)  
 MF C72 H52 Cu2 N20 O36 S10  
 CI CCS, COM

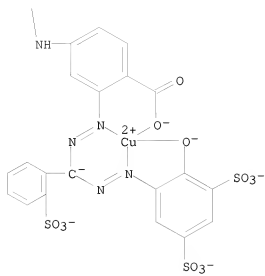
PAGE 1-A



PAGE 1-B





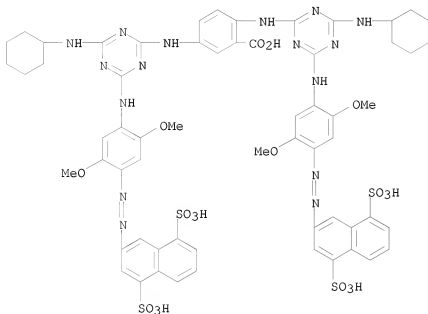


10/580,237

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Benzoic acid, 2,5-bis[[4-(cyclohexylamino)-6-[[4-[(4,8-disulfo-2-naphthalenyl)azo]-2,5-dimethoxyphenyl]amino]-1,3,5-triazin-2-yl]amino]-(9CI)

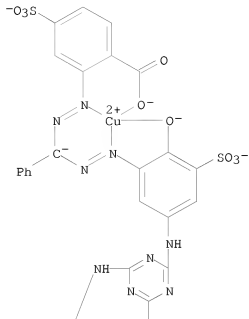
MF C61 H62 N16 O18 S4

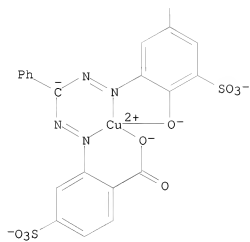
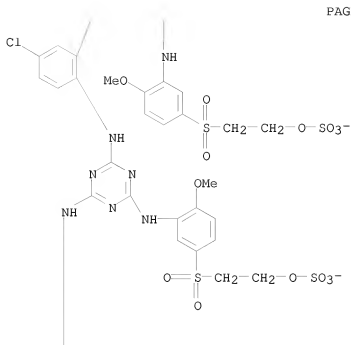


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN Cuprate(8-), [ $\mu$ -[2,2'-(4-chloro-1,2-phenylene)bis(imino[6-[2-methoxy-5-[2-(sulfooxy)ethylsulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(6-hydroxy-5-sulfo-3,1-phenylene)azo(phenylmethylene)azo]]bis[4-sulfobenzoato]](12-)]di- (9CI)  
 MF C70 H49 Cl Cu2 N20 O32 S8  
 CI CCS, COM

PAGE 1-A

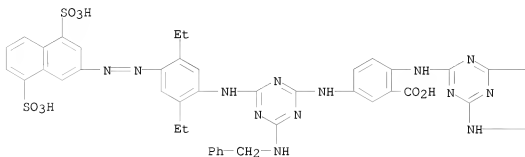




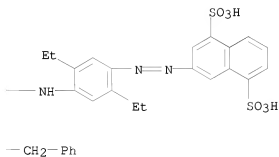
10/580,237

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Benzoic acid, 2,5-bis[[4-[[4-[(4,8-disulfo-2-naphthalenyl)azo]-2,5-  
diethylphenyl]amino]-6-[(phenylmethyl)amino]-1,3,5-triazin-2-yl]amino]-  
(9CI)  
MF C67 H62 N16 O14 S4

PAGE 1-A



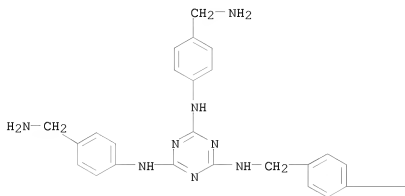
PAGE 1-B



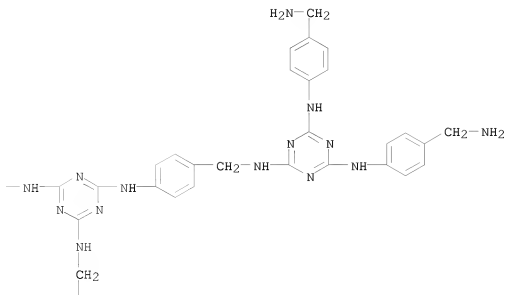
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

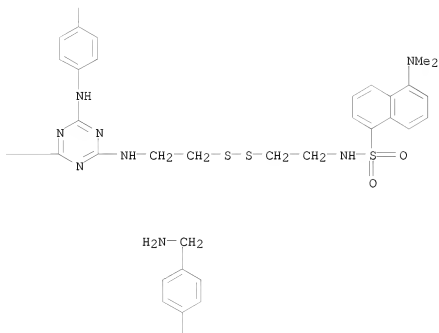
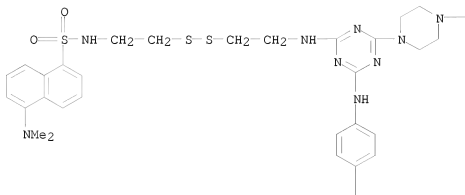
L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Naphthalenesulfonamide, N,N'-[1,4-piperazinediylbis[[6-[[4-[[[4,6-bis[[4-  
 [[4,6-bis[[4-(aminomethyl)phenyl]amino]-1,3,5-triazin-2-  
 yl]amino]methyl]phenyl]amino]-1,3,5-triazin-2-  
 yl]amino]methyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-2,1-  
 ethanediyl]dithio-2,1-ethanediyl]]bis[5-(dimethylamino)- (9CI)  
 MF C158 H172 N60 O4 S6

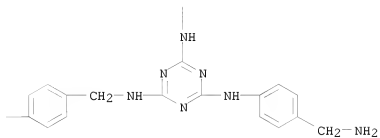
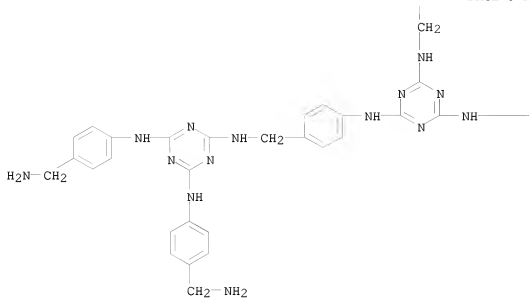
PAGE 1-A



PAGE 1-B



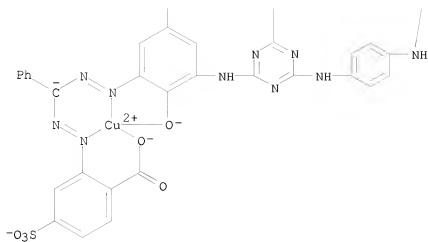




\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

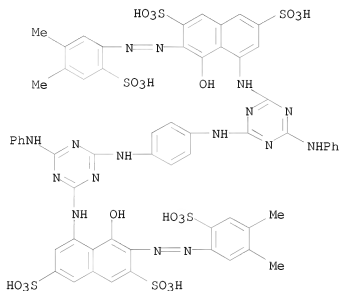






● 8  $\text{K}^+$

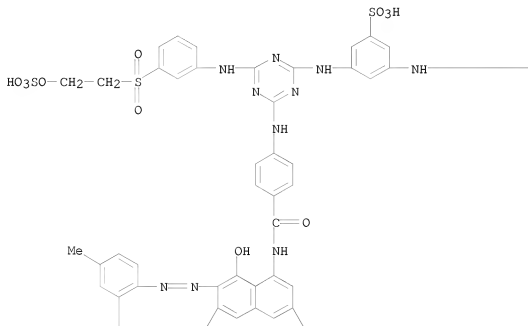
L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino)]bis[6-[(4,5-dimethyl-2-sulphophenyl)azo]-5-hydroxy- (9CI)  
 MF C60 H50 N16 O20 S6

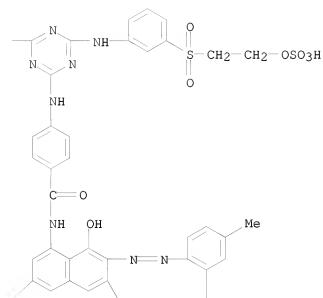


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 2,7-Naphthalenedisulfonic acid, 4,4'-[ (5-sulfo-1,3-phenylene)bis[imino[6-  
 [[3-[[3-(sulfooxy)ethyl)sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-  
 diyl]imino-4,1-phenylenecarbonylimino]]bis[5-hydroxy-6-[(4-methyl-2-  
 sulfophenyl)azo]- (9CI)  
 MF C76 H64 N18 O37 S11

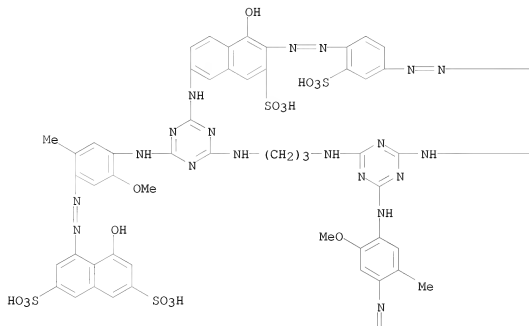
PAGE 1-A



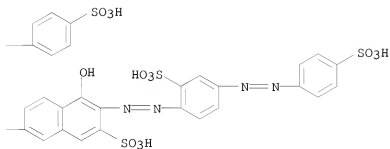


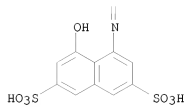
L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,3-propanediylbis[imino[6-[[5-  
 hydroxy-7-sulfo-6-[[2-sulfo-4-[(4-sulphophenyl)azo]phenyl]azo]-2-  
 naphthalenyl]amino]-1,3,5-triazine-4,2-diyl]imino(5-methoxy-2-methyl-4,1-  
 phenylene)azo]]bis[5-hydroxy- (9CI)  
 MF C89 H72 N24 O36 S10  
 CI COM

PAGE 1-A



PAGE 1-B

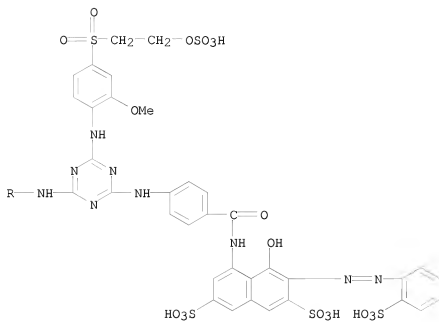




\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*



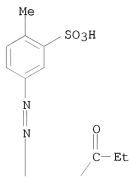


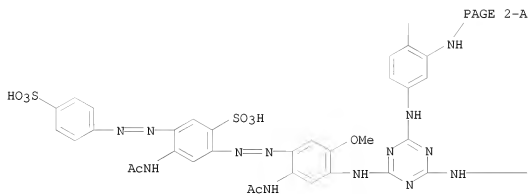
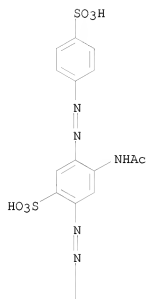


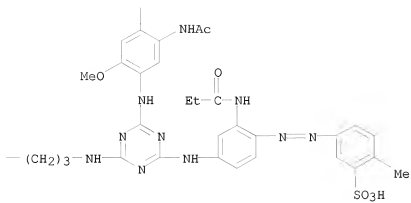
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Benzenesulfonic acid, 2,2'-[1,3-propanediylbis[imino[6-[[4-[(4-methyl-3-sulfophenyl)azo]-3-[(1-oxopropyl)amino]phenyl]amino]-1,3,5-triazine-2,4-diyl]imino[2-(acetylamino)-5-methoxy-4,1-phenylene]azo]]bis[4-(acetylamino)-5-[(4-sulfophenyl)azo]- (9CI)  
ME C87 H86 N30 O26 S6  
CI COM

PAGE 1-A



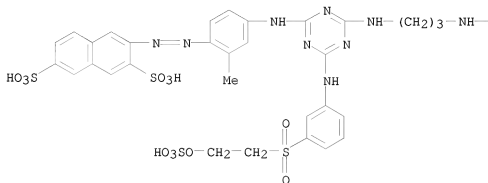




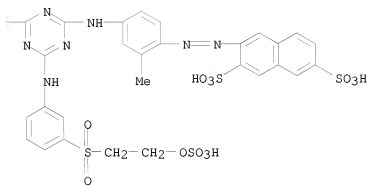
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 2,7-Naphthalenedisulfonic acid, 3,3'-[1,3-propanediylbis(imino[6-[[3-[[2-(sulfooxy)ethylsulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-methyl-4,1-phenylene)azo]]bis- (9CI)  
 MF C59 H56 N16 O24 S8

PAGE 1-A



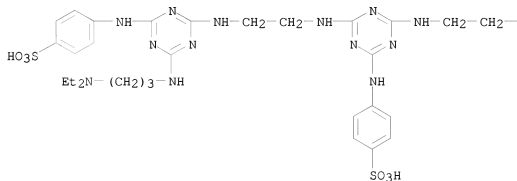
PAGE 1-B



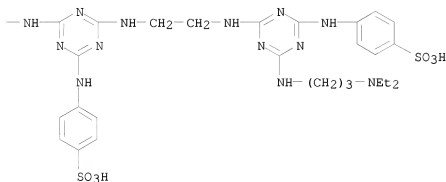
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN Benzenesulfonic acid, 4,4'-[1,2-ethanediylbis[imino[6-[[2-[[4-[[3-(diethylamino)propyl]amino]-6-[(4-sulfonylphenyl)amino]-1,3,5-triazin-2-yl]amino]ethyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI)  
 MF C56 H76 N26 O12 S4

PAGE 1-A



PAGE 1-B



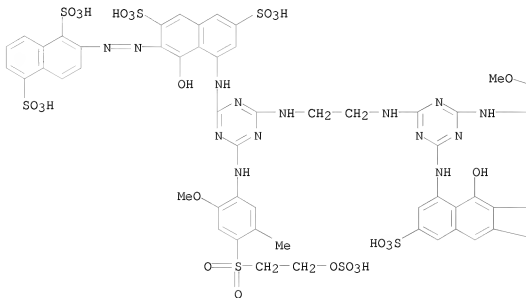
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

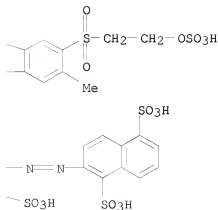
IN 1,5-Naphthalenedisulfonic acid, 2,2'-[1,2-ethanediylbis(imino[6-[[2-methoxy-5-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis-

MF C68 H62 N16 O40 S12

PAGE 1-A



PAGE 1-B



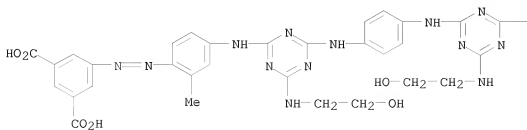
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*



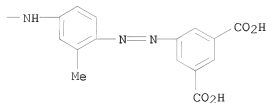


L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1,3-Benzenedicarboxylic acid, 5,5'-[1,4-phenylenebis(imino[6-[(2-  
 hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino(2-methyl-4,1-  
 phenylene)azo]]bis-, tetraammonium salt (9CI)  
 MF C46 H42 N16 O10 . 4 H3 N

PAGE 1-A

● 4 NH<sub>3</sub>

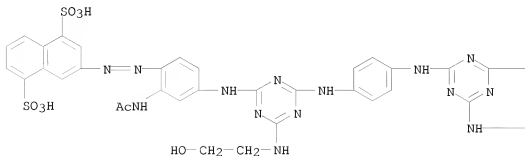
PAGE 1-B



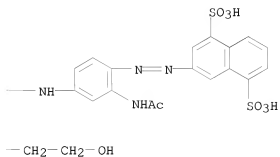
10/580,237

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 1,5-Naphthalenedisulfonic acid, 3,3'-[1,4-phenylenebis(imino[6-[(2-  
hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino[2-(acetylamino)-4,1-  
phenylene]azo]]bis- (9CI)  
MF C52 H48 N18 O16 S4

PAGE 1-A



PAGE 1-B

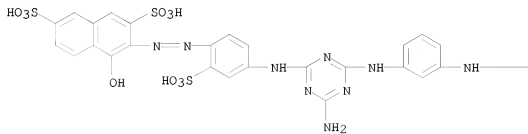


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10/580,237

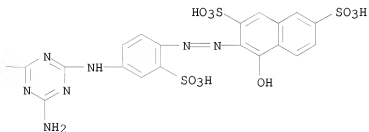
L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 2,7-Naphthalenedisulfonic acid, 3,3'-[1,3-phenylenebis(imino(6-amino-1,3,5-  
triazine-4,2-diyl)imino(2-sulfo-4,1-phenylene)azo)]bis[4-hydroxy-,  
hexasodium salt (9CI)  
MF C44 H34 N16 O20 S6 . 6 Na

PAGE 1-A



● 6 Na

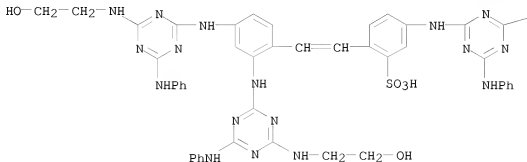
PAGE 1-B



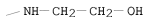
10/580,237

L2 21 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Benzenesulfonic acid, 2-[2-[2,4-bis[4-[(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]phenyl]ethenyl]-5-[4-[(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-  
MF C47 H48 N18 O6 S  
CI COM

PAGE 1-A



PAGE 1-B



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

10/580,237

=> s l1 sss ful  
FULL SEARCH INITIATED 06:10:51 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 18407 TO ITERATE

100.0% PROCESSED 18407 ITERATIONS 318 ANSWERS  
SEARCH TIME: 00.00.01

L3 318 SEA SSS FUL L1

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	178.82	179.03

FILE 'CAPLUS' ENTERED AT 06:10:57 ON 23 JUN 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 23 Jun 2008 VOL 148 ISS 26  
FILE LAST UPDATED: 22 Jun 2008 (20080622/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

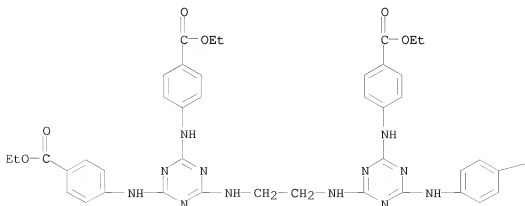
=> s l3  
L4 68 L3

=> d l4 1-64 bib hitstr

L4 ANSWER 1 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2007:1293321 CAPLUS  
 DN 147:547524  
 TI Triazine derivatives as sunscreens in cosmetic compositions  
 IN Ehliis, Thomas; Borsos, Elek  
 PA Ciba Speciality Chemicals Holding Inc., Switz.  
 SO Brit. UK Pat. Appl., 98pp.  
 CODEN: BAXXDU  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2438047	A	20071114	GB 2007-8326	20070430
	WO 2007128744	A2	20071115	WO 2007-EP54239	20070502
	WO 2007128744	A3	20080103		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
PRAI	EP 2006-113634	A	20060508		
OS	MARPAT 147:547524				
IT	956596-89-7P 956596-91-1P				
	RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (triazine derivs. as sunscreens in cosmetic compns.)				
RN	956596-89-7 CAPLUS				
CN	Benzoic acid, 4,4',4'',4'''-[1,2-ethanediylbis(imino-1,3,5-triazine-6,2,4-triyl-diimino)]tetrakis-, 1,1',1'',1'''-tetraethyl ester (CA INDEX NAME)				

PAGE 1-A



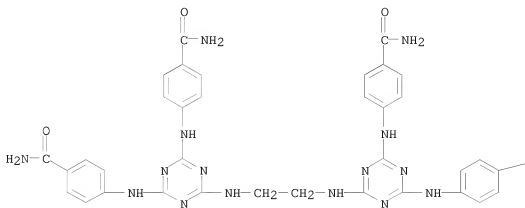
PAGE 1-B



RN 956596-91-1 CAPLUS

CN Benzamide, 4,4',4'',4'''-[1,2-ethanediylbis(imino-1,3,5-triazine-6,2,4-triylldiimino)]tetrakis- (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



RE.CNT 5

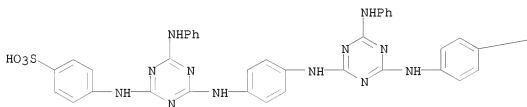
THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2007:1089051 CAPLUS  
 DN 147:416573  
 TI Polarizing plate made from lyotropic liquid crystal compound and liquid  
 crystal display  
 IN Namikawa, Hitoshi  
 PA Fuji Photo Film Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 87pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2007248621	A	20070927	JP 2006-69440	20060314
PRAI	JP 2006-69440		20060314		
OS	MARPAT 147:416573				
IT	434328-84-4				

RL: TEM (Technical or engineered material use); USES (Uses)  
 (LCD polarizing plate made from lyotropic liquid crystal compound and  
 pyridinium compound)  
 RN 434328-84-4 CAPLUS  
 CN Benzenesulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-(phenylamino)-1,3,5-  
 triazine-4,2-diyl]imino)]bis-, sodium salt (1:2) (CA INDEX NAME)

PAGE 1-A



● 2 Na

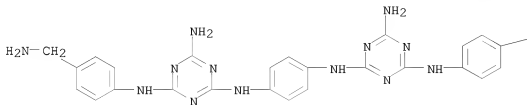
PAGE 1-B

—SO<sub>3</sub>H



L4 ANSWER 3 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2007:903015 CAPLUS  
 DN 147:448391  
 TI Refolding Foldamers: Triazene-Arylene Oligomers That Change Shape with  
 Chemical Stimuli  
 AU Liu, Simin; Zavalij, Peter Y.; Lam, Yiu-Fai; Isaacs, Lyle  
 CS Department of Chemistry and Biochemistry, University of Maryland, College  
 Park, MD, 20742, USA  
 SO Journal of the American Chemical Society (2007), 129(36), 11232-11241  
 CODEN: JACSAT; ISSN: 0002-7863  
 PB American Chemical Society  
 DT Journal  
 LA English  
 OS CASREACT 147:448391  
 IT 952233-68-0  
 RL: FMU (Formation, unclassified); PRP (Properties); FORM (Formation,  
 nonpreparative)  
 (NMR and crystal structure on triazenearylene oligomers refolding and  
 changeing shape with chemical stimuli)  
 RN 952233-68-0 CAPLUS  
 CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19  
 a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-  
 octacosazabispentaleno[1''',6''':5''',6''',7''']cycloocta[1''',2'  
 ''',3''':3''',4''']pentaleno[1''',6''':5''',6''',7''']cycloocta[1'',2'',3'':  
 3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-  
 1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone, tetradecahydro-,  
 stereoisomer, compd. with N2,N2'-1,4-phenylenebis[N4-[4-  
 (aminomethyl)phenyl]-1,3,5-triazine-2,4,6-triamine] conjugate acid (2:1:2)  
 (CA INDEX NAME)  
 CM 1  
 CRN 952233-38-4  
 CMF C26 H28 N14

PAGE 1-A



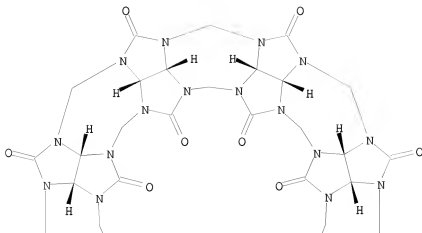
PAGE 1-B

—CH<sub>2</sub>—NH<sub>2</sub>

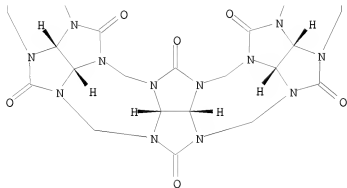
CM 2  
 CRN 259886-50-5  
 CMF C42 H42 N28 O14

Relative stereochemistry.

PAGE 1-A



PAGE 2-A

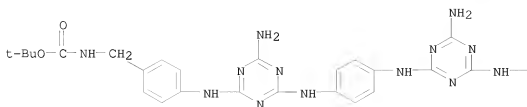


IT 952233-34-0P 952233-39-5P  
 RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP  
 (Preparation); RACT (Reactant or reagent)  
 (NMR and crystal structure on triazenearylene oligomers refolding and  
 changing shape with chemical stimuli)

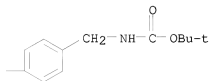
RN 952233-34-0 CAPLUS

CN Carbamic acid, N,N'-[1,4-phenylenebis[imino(6-amino-1,3,5-triazine-4,2-  
 diyl)imino-4,1-phenylenemethylene]]bis-, C,C'-bis(1,1-dimethylethyl) ester  
 (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

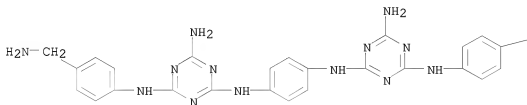


RN 952233-39-5 CAPLUS  
 CN 1,3,5-Triazine-2,4,6-triamine, N2,N2'-1,4-phenylenebis[N4-[4-(aminomethyl)phenyl]-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM 1

CRN 952233-38-4  
 CMF C26 H28 N14

PAGE 1-A



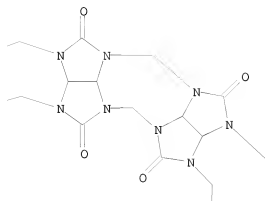
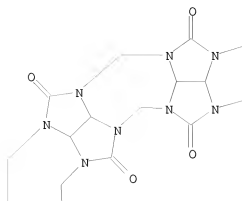
PAGE 1-B



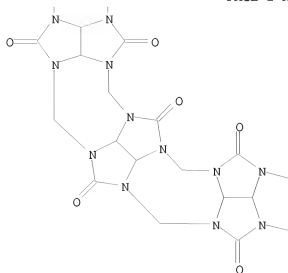
CM 2

CRN 76-05-1  
 CMF C2 H F3 O2

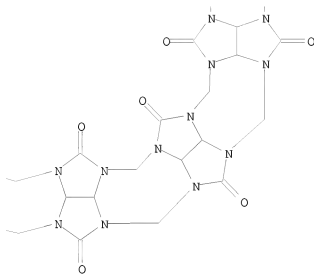




PAGE 2-A

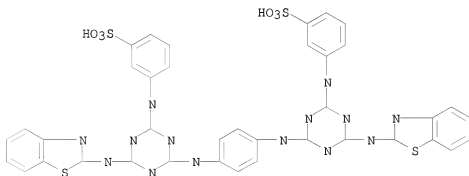


PAGE 2-B



RE.CNT 120 THERE ARE 120 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4	ANSWER 4 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN				
AN	2006:1351637 CAPLUS				
DN	146:111138				
TI	Stabilizer composition and processing method for silver halide color photographic material				
IN	Moritani, Shizuko				
PA	Konica Minolta Photo Imaging, Inc., Japan				
SO	Jpn. Kokai Tokkyo Koho, 115pp. CODEN: JKXXAF				
DT	Patent				
LA	Japanese				
FAN.CMT	1				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 2006350001	A	20061228	JP 2005-176241	20050616
PRAI	JP 2005-176241		20050616		
OS	MARFAT 146:111138				
IT	903514-65-8				
	RL: TEM (Technical or engineered material use); USES (Uses) (photog. stabilizer containing triazole compound and fungicide)				
RN	903514-65-8 CAPLUS				
CN	Benzenesulfonic acid, 3,3'-[1,4-phenylenebis[imino[6-(2-benzothiazolylamino)-1,3,5-triazine-4,2-diy]]imino]]bis-, sodium salt (1/2) (CA INDEX NAME)				



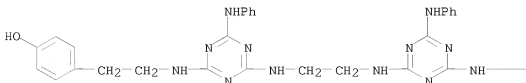
●2 Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

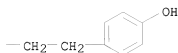
L4 ANSWER 5 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2006:1226082 CAPLUS  
 DN 145:500066  
 TI Triazine compounds and compositions thereof for the treatment of cancers  
 IN Gagnon, Lyne; Zacharie, Boulos; Penney, Christopher  
 PA Prometic Biosciences Inc., Can.  
 SO PCT Int. Appl., 46pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006122431	A1	20061123	WO 2006-CA832	20060519
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	AU 2006246958	A1	20061123	AU 2006-246958	20060519
	CA 2608463	A1	20061123	CA 2006-2608463	20060519
	EP 1881835	A1	20080130	EP 2006-741544	20060519
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			
	IN 2007DN08650	A	20071214	IN 2007-DN8650	20071108
	CN 101180061	A	20080514	CN 2006-80017370	20071119
PRAI	US 2005-682374P	P	20050519		
	WO 2006-CA832	W	20060519		
OS	MARPAT 145:500066				
IT	852672-64-1	852673-17-7	852673-19-9		
	852673-21-3	915154-46-0	915154-47-1		
	915154-50-6	915154-53-9	915154-54-0		
	915154-56-2	915154-58-4			
	RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)				
	(triazine compds. and compns. thereof for treatment of cancers)				
RN	852672-64-1	CAPLUS			
CN	Phenol, 4, 4'-[1,2-ethanediylbis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino-2,1-ethanediyl)]bis- (9CI) (CA INDEX NAME)				

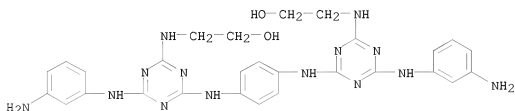
PAGE 1-A



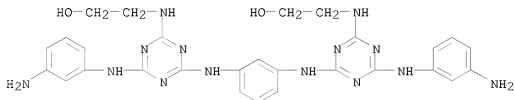




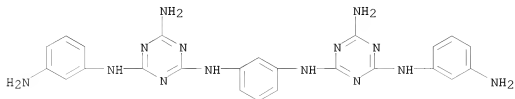
RN 852673-17-7 CAPLUS  
 CN Ethanol, 2,2'-[1,4-phenylenebis(imino[6-[(3-aminophenyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI) (CA INDEX NAME)



RN 852673-19-9 CAPLUS  
 CN Ethanol, 2,2'-[1,3-phenylenebis(imino[6-[(3-aminophenyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI) (CA INDEX NAME)

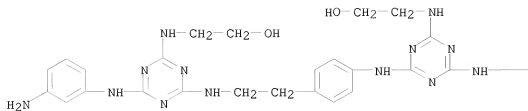


RN 852673-21-3 CAPLUS  
 CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-1,3-phenylenebis[N'-(3-aminophenyl)- (9CI) (CA INDEX NAME)

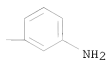


RN 915154-46-0 CAPLUS  
 CN Ethanol, 2-[[4-[(3-aminophenyl)amino]-6-[[4-[2-[[4-[(3-aminophenyl)amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]ethyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)

PAGE 1-A



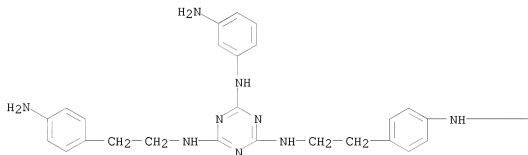
PAGE 1-B

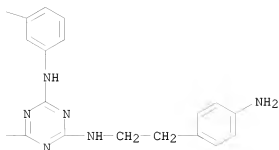


RN 915154-47-1 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N2-(3-aminophenyl)-N4-[4-[2-[(3-aminophenyl)amino]-6-[[2-(4-aminophenyl)ethyl]amino]-1,3,5-triazin-2-yl]amino]ethyl]phenyl]-N6-[2-(4-aminophenyl)ethyl]- (CA INDEX NAME)

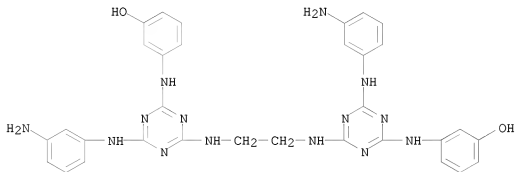
PAGE 1-A

H<sub>2</sub>N



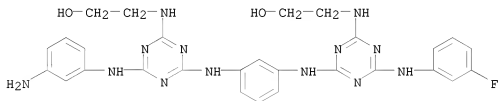
RN 915154-50-6 CAPLUS

CN Phenol, 3,3'-[(1,2-ethanediyl)bis[imino[6-[(3-aminophenyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI) (CA INDEX NAME)



RN 915154-53-9 CAPLUS

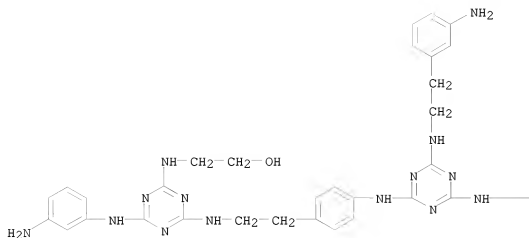
CN Ethanol, 2-[[4-[(3-aminophenyl)amino]-6-[[3-[[4-[(3-fluorophenyl)amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]-phenyl]ethyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



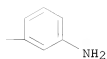
RN 915154-54-0 CAPLUS

CN Ethanol, 2-[[4-[(3-aminophenyl)amino]-6-[[3-[[4-[(3-aminophenyl)amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]-phenyl]ethyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)

PAGE 1-A

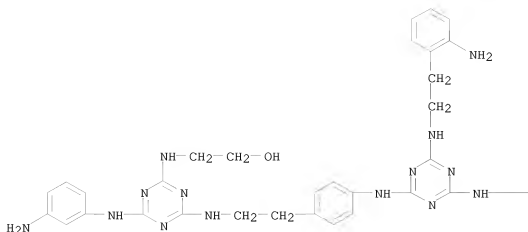


PAGE 1-B

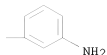


RN 915154-56-2 CAPLUS  
 CN Ethanol, 2-[[4-[(3-aminophenyl)amino]-6-[[2-[4-[[4-[(3-aminophenyl)amino]-6-[[2-(2-aminophenyl)ethyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]ethyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)

PAGE 1-A

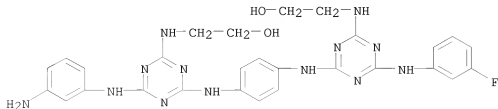


PAGE 1-B



RN 915154-58-4 CAPLUS

CN Ethanol, 2-[[4-[(3-aminophenyl)amino]-6-[[4-[[4-[(3-fluorophenyl)amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT









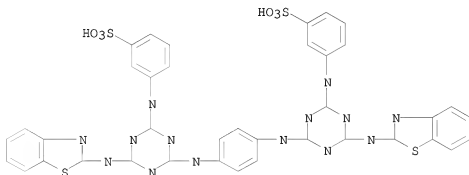
L4 ANSWER 8 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2006:849018 CAPLUS  
 DN 145:280984  
 TI Photographic stabilizing solution containing triazine derivative and  
 processing method  
 IN Okano, Masaru  
 PA Konica Minolta Photo Imaging, Inc., Japan  
 SO Jpn. Kokai Tokkyo Koho, 127pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006220801	A	20060824	JP 2005-32751	20050209
PRAI	JP 2005-32751		20050209		
OS	MARPAT 145:280984				
IT	903514-65-8				

RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)  
 (silver ion content-controlled photog. stabilizing solution containing triazine compound)

RN 903514-65-8 CAPLUS

CN Benzenesulfonic acid, 3,3'-[1,4-phenylenebis[imino[6-(2-benzothiazolylamino)-1,3,5-triazine-4,2-diyl]imino]bis-, sodium salt (1:2) (CA INDEX NAME)



●2 Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

L4 ANSWER 9 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:793341 CAPLUS

DN 145:238146

TI Silver halide photographic material processing composition to improve yellow dye stability

IN Iwamoto, Ryohei; Sugino, Motoaki; Kataoka, Emiko

PA Konica Minolta Photo Imaging, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 78pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006208888	A	20060810	JP 2005-22548	20050131
PRAI	JP 2005-22548		20050131		
OS	MARPAT 145:238146				
IT	905437-12-9				

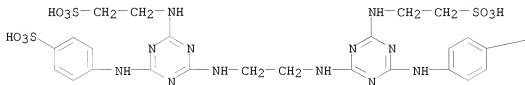
RL: MOA (Modifier or additive use); USES (Uses)

(triazine additive; silver halide photog. material processing composition to improve yellow dye stability)

RN 905437-12-9 CAPLUS

CN Benzenesulfonic acid, 4,4'-[1,2-ethanediylbis[imino[6-[(2-sulfoethyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 4 Na

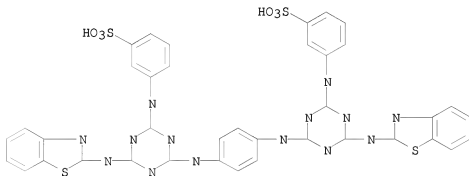
PAGE 1-B

—SO<sub>3</sub>H

L4 ANSWER 10 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2006:793336 CAPLUS  
 DN 145:221105  
 TI Color photographic stabilizer composition to improve drying property of  
 color photograph and color photographic stabilizer concentrate composition  
 IN Satake, Wataru  
 PA Konica Minolta Photo Imaging, Inc., Japan  
 SO Jpn. Kokai Tokkyo Koho, 103pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006208885	A	20060810	JP 2005-22544	20050131
PRAI	JP 2005-22544		20050131		
OS	MARPAT 145:221105				
IT	903514-65-8				

RL: TEM (Technical or engineered material use); USES (Uses)  
 (color photog. stabilizer composition to improve drying property of color  
 photog. and color photog. stabilizer concentrate composition)  
 RN 903514-65-8 CAPLUS  
 CN Benzenesulfonic acid, 3,3'-[1,4-phenylenebis(imino[6-(2-  
 benzothiazolylamino)-1,3,5-triazine-4,2-diyl]imino]]bis-, sodium salt  
 (1:2) (CA INDEX NAME)



● 2 Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

L4 ANSWER 11 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:793334 CAPLUS

DN 145:238145

TI Silver halide photographic material processing composition to reduce stain formation and showing improved low temperature storage stability

IN Sugino, Motoaki; Iwamoto, Ryohei; Kataoka, Emiko

PA Konica Minolta Photo Imaging, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 77pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006208887	A	20060810	JP 2005-22547	20050131
PRAI	JP 2005-22547		20050131		
OS	MARPAT 145:238145				
IT	905583-73-5 905583-74-6				

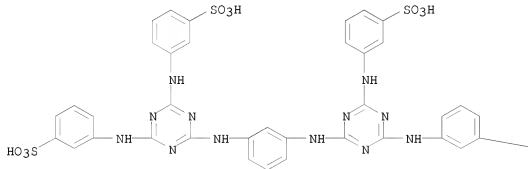
RL: MOA (Modifier or additive use); USES (Uses)

(triazine additive; silver halide photog. material processing composition to reduce stain formation and showing improved low temperature storage stability)

RN 905583-73-5 CAPLUS

CN Benzenesulfonic acid, 3,3',3'',3'''-[1,3-phenylenebis(imino-1,3,5-triazine-6,2,4-triylidimino)]tetrakis-, tetrasodium salt (9CI) (CA INDEX NAME)

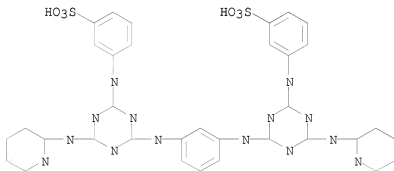
PAGE 1-A



—SO<sub>3</sub>H

RN 905583-74-6 CAPLUS

CN Benzenesulfonic acid, 3,3'-[1,3-phenylenebis(imino[6-(2-pyridinylamino)-1,3,5-triazine-4,2-diyl]imino)]bis-, disodium salt (9CI) (CA INDEX NAME)



●2 Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

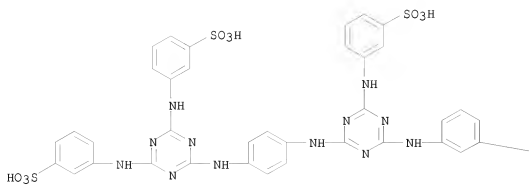
IT 905583-75-7P

RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)

(triazine additive; silver halide photog. material processing composition to reduce stain formation and showing improved low temperature storage stability)

RN 905583-75-7 CAPLUS

CN Benzenesulfonic acid, 3,3',3'',3'''-[1,4-phenylenebis(imino-1,3,5-triazine-6,2,4-triylldiimino)]tetrakis-, tetrasodium salt (9CI) (CA INDEX NAME)

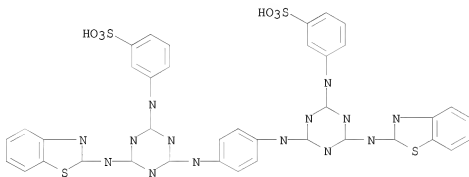


● 4 Na

— SO<sub>3</sub>H

L4 ANSWER 12 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2006:759570 CAPLUS  
 DN 145:198724  
 TI Stabilization processing composition for silver halide light-sensitive  
 color photographic material  
 IN Ishida, Kenji  
 PA Konica Minolta Photo Imaging, Inc., Japan  
 SO Eur. Pat. Appl., 103 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1686419	A1	20060802	EP 2006-250445	20060126
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				
	JP 2006208884	A	20060810	JP 2005-22543	20050131
	US 20060172232	A1	20060803	US 2006-337923	20060123
FRAI	JP 2005-22543	A	20050131		
OS	MARPAT 145:198724				
IT	903514-65-8				
	RL: TEM (Technical or engineered material use); USES (Uses) (stabilization processing composition for silver halide light-sensitive color photog. material)				
RN	903514-65-8	CAPLUS			
CN	Benzenesulfonic acid, 3,3'-[1,4-phenylenebis[imino[6-(2-benzothiazolylamino)-1,3,5-triazine-4,2-diyl]imino]]bis-, sodium salt (1:2) (CA INDEX NAME)				



● 2 Na

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE  
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

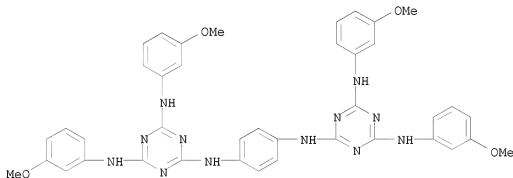
L4 ANSWER 13 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2006:339126 CAPLUS  
 DN 144:371205  
 TI Cellulose derivative compositions, their films, and bis-1,3,5-triazine  
 derivatives  
 IN Uchida, Osamu; Sugiyama, Akira  
 PA Fuji Photo Film Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 30 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006096875	A	20060413	JP 2004-284888	20040929
PRAI	JP 2004-284888		20040929		
OS	MARPAT 144:371205				
IT	881898-04-0				

RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)  
 (cellulose derivative compns. and their films containing bistriazine compds. for desired optical retardation)

RN 881898-04-0 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N,N''-1,4-phenylenebis[N',N''-bis(3-methoxyphenyl)- (9CI) (CA INDEX NAME)





L4 ANSWER 14 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:1129249 CAPLUS

DN 143:407236

TI Triazine-containing bisazo dyes and water-based inkjet ink thereof

IN Suzuki, Rihoko; Fujii, Kenichi; Oi, Ryu

PA Mitsui Chemicals Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 15 pp.

CODEN: JKXXAF

DT Pate

LA Japanese

FAN,CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2005290303	A	20051020	JP 2004-110358	20040402
PRAI	JP 2004-110358		20040402		
OS	MARPAT 143:407236				
IT	867061-85-6P	867061-87-8P			

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

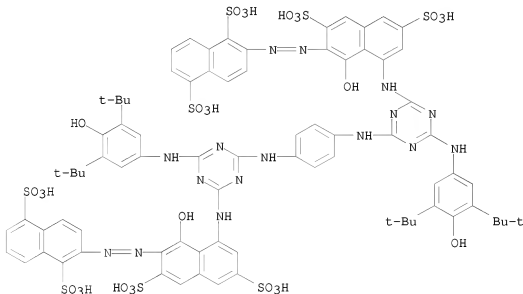
(dye; production of triazine-containing bisazo dyes and water-based inkjet

ink)

RN 867061-85-6 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 2,2'-[1,4-phenylenebis(imino[6-[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]amino]-1,3,5-triazine-4,2-diyl]imino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis-, octasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

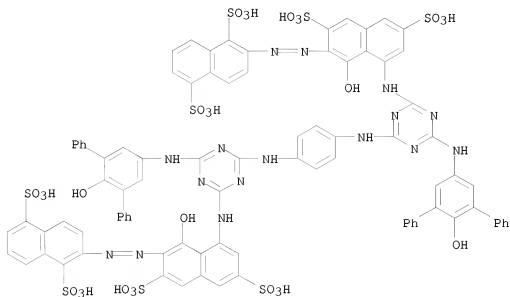
● 8 Na

RN 867061-87-8 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 2,2'-[1,4-phenylenebis(imino[6-[(2'-

hydroxy[1,1':3',1''-terphenyl]-5'-yl)amino]-1,3,5-triazine-4,2-diyl]imino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis-, octasodium salt (9CI) (CA INDEX NAME)

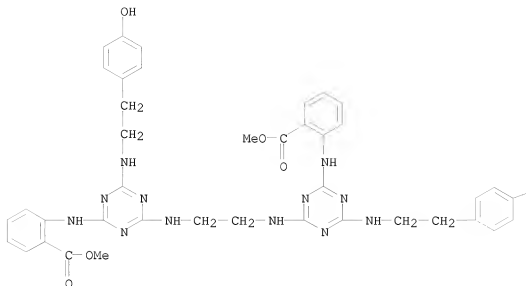
PAGE 1-A



PAGE 2-A

L4 ANSWER 15 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2005:472151 CAPLUS  
 DN 143:26644  
 TI Preparation of triazine dimers for the treatment of autoimmune diseases  
 IN Penney, Christopher; Zacharie, Boulos; Abbott, Shaun D.; Bienvenu, Jean-Francois; Cameron, Alan D.; Dupeppe, Jean-Simon; Ezzitouni, Abdallah; Fortin, Daniel; Houde, Karine; Moreau, Nancie; Wilb, Nicole; Groulx, Brigitte; Gagnon, Lyne  
 PA Prometic Biosciences Inc., Can.  
 SO PCT Int. Appl., 103 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005049607	A1	20050602	WO 2004-CA2003	20041122
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2004291186	A1	20050602	AU 2004-291186	20041122
	CA 2554635	A1	20050602	CA 2004-2554635	20041122
	EP 1687297	A1	20060809	EP 2004-818743	20041122
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
	BR 2004016843	A	20070213	BR 2004-16843	20041122
	JP 2007512259	T	20070517	JP 2006-540119	20041122
	MX 2006PA05879	A	20070126	MX 2006-PA5879	20060523
	US 20070149528	A1	20070628	US 2006-580237	20060523
PRAI	WO 2003-524021P	P	20031124		
	WO 2004-CA2003	W	20041122		
OS	CASREACT 143:26644; MARPAT 143:26644				
IT	852672-65-2P				
	RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)				
	(preparation of triazine dimers for treatment of autoimmune diseases)				
RN	852672-65-2 CAPLUS				
CN	Benzoic acid, 2,2'-[1,2-ethanediylbis[imino[6-[[2-(4-hydroxyphenyl)ethyl]amino]-1,3,5-triazine-4,2-diyl]amino]]bis-, dimethyl ester (9CI) (CA INDEX NAME)				



OH

IT 852672-64-1P 852672-66-3P 852672-67-4P  
 852672-68-5P 852672-69-6P 852672-70-9P  
 852672-72-1P 852672-76-5P 852672-79-8P  
 852672-80-1P 852672-81-2P 852672-83-4P  
 852672-84-5P 852672-85-6P 852672-87-8P  
 852672-90-3P 852672-91-4P 852672-95-8P  
 852672-98-1P 852673-04-2P 852673-05-3P  
 852673-07-5P 852673-08-6P 852673-12-2P  
 852673-13-3P 852673-15-5P 852673-16-6P  
 852673-17-7P 852673-19-9P 852673-20-2P  
 852673-21-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)

(preparation of triazine dimers for treatment of autoimmune diseases)

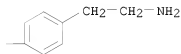
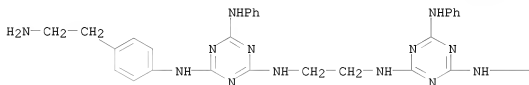
RN 852672-64-1 CAPLUS



OH

RN 852672-67-4 CAPLUS

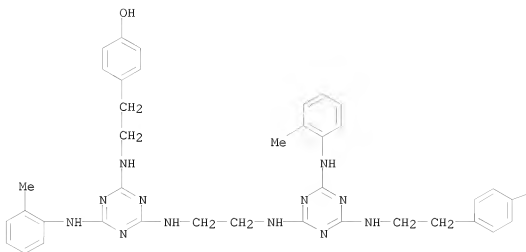
CN 1,3,5-Triazine-2,4,6-triamine, N,N''-1,2-ethanediylbis[N'-(4-(2-aminoethyl)phenyl)-N''-phenyl- (9CI) (CA INDEX NAME)



RN 852672-68-5 CAPLUS

CN Phenol, 4,4'-[1,2-ethanediylbis[imino[6-[(2-methylphenyl)amino]-1,3,5-triazine-4,2-diyl]imino-2,1-ethanediyl]]bis- (9CI) (CA INDEX NAME)

PAGE 1-A



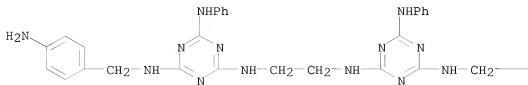
PAGE 1-B

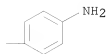
OH

RN 852672-69-6 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-1,2-ethanediylbis[N'-(4-aminophenyl)methyl]-N''-phenyl- (9CI) (CA INDEX NAME)

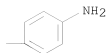
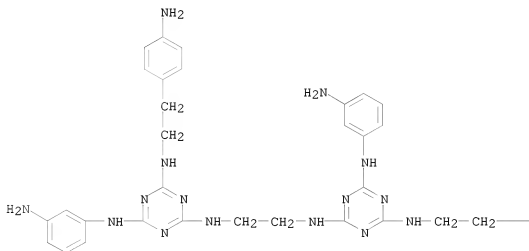
PAGE 1-A





RN 852672-70-9 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-1,2-ethanediylbis[N'-(3-aminophenyl)-N''-[2-(4-aminophenyl)ethyl]- (9CI) (CA INDEX NAME)



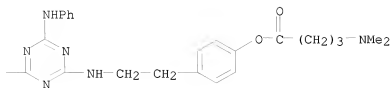
RN 852672-72-1 CAPLUS

CN Benzoic acid, 2,2'-[1,2-ethanediylbis[imino[6-[2-(4-





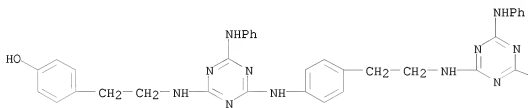
PAGE 1-B



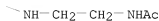
RN 852672-79-8 CAPLUS

CN Acetamide, N-[2-[[4-[[2-[[4-[[2-(4-hydroxyphenyl)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]phenyl]ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]ethyl]- (CA INDEX NAME)

PAGE 1-A



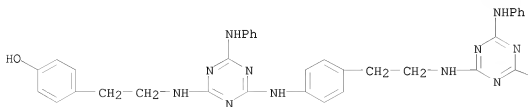
PAGE 1-B



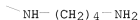
RN 852672-80-1 CAPLUS

CN Phenol, 4-[2-[[4-[[4-[2-[[4-[[4-(4-aminobutyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]ethyl]phenyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]ethyl]- (CA INDEX NAME)

PAGE 1-A



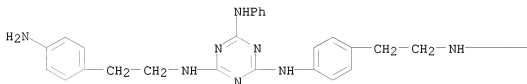
PAGE 1-B



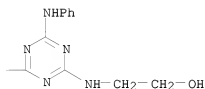
RN 852672-81-2 CAPLUS

CN Ethanol, 2-[[4-[[2-[[4-[[2-(4-aminophenyl)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]phenyl]ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)

PAGE 1-A

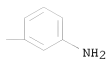
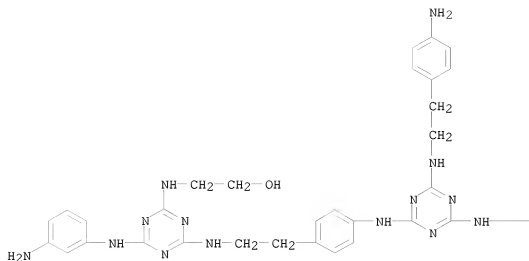


PAGE 1-B



RN 852672-83-4 CAPLUS

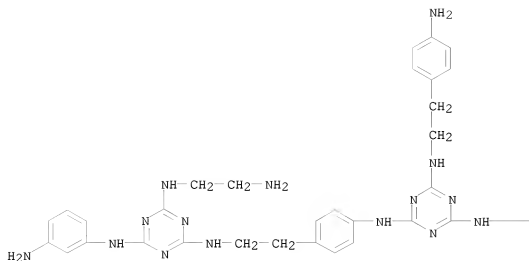
CN Ethanol, 2-[[4-[[3-(aminophenyl)amino]-6-[[2-[[4-[[4-[[3-(aminophenyl)amino]-6-[[2-(4-aminophenyl)ethyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]ethyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



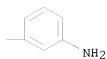
RN 852672-84-5 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N2-[4-[2-[[4-[(2-aminoethyl)amino]-6-[(3-aminophenyl)amino]-1,3,5-triazin-2-yl]amino]ethyl]phenyl]-N4-(3-aminophenyl)-N6-[2-(4-aminophenyl)ethyl]- (CA INDEX NAME)

PAGE 1-A

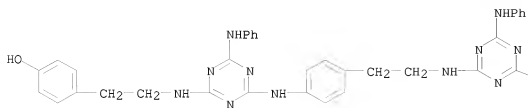


PAGE 1-B

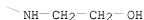


RN 852672-85-6 CAPLUS  
 CN Phenol, 4-[2-[[4-[[4-[2-[[4-[(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]ethyl]phenyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]ethyl]- (CA INDEX NAME)

PAGE 1-A



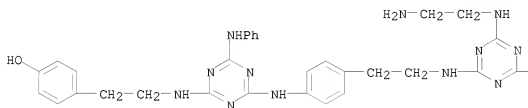
PAGE 1-B



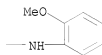
RN 852672-87-8 CAPLUS

CN Phenol, 4-[2-[[4-[[4-(2-aminoethyl)amino]-6-[(2-methoxyphenyl)amino]-1,3,5-triazin-2-yl]amino]ethyl]phenyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]ethyl]- (CA INDEX NAME)

PAGE 1-A



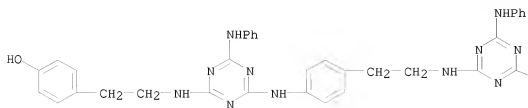
PAGE 1-B



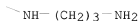
RN 852672-90-3 CAPLUS

CN Phenol, 4-[2-[[4-[[4-(3-aminopropyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]ethyl]phenyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]ethyl]- (CA INDEX NAME)

PAGE 1-A



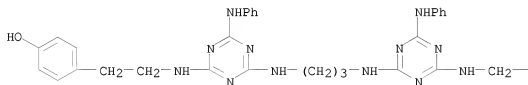
PAGE 1-B



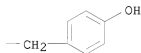
RN 852672-91-4 CAPLUS

CN Phenol, 4,4'-[1,3-propanediylbis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino-2,1-ethanediyl)]bis- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



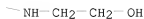
RN 852672-95-8 CAPLUS

CN Phenol, 4-[2-[[4-[[4-[[[2-(1H-imidazol-5-yl)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]methyl]phenyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]ethyl]- (CA INDEX NAME)



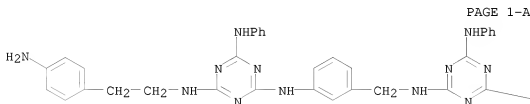


PAGE 1-B

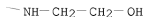


RN 852673-05-3 CAPLUS

CN Ethanol, 2-[[4-[[[3-[[4-[[2-(4-aminophenyl)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]phenyl]methyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)

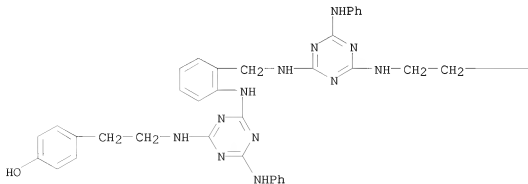


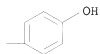
PAGE 1-B



RN 852673-07-5 CAPLUS

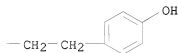
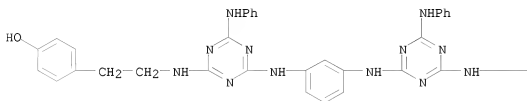
CN Phenol, 4-[2-[[4-[[[2-[[[4-[[2-(4-hydroxyphenyl)ethyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]methyl]phenyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]ethyl]- (CA INDEX NAME)





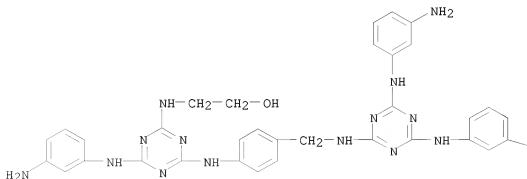
RN 852673-08-6 CAPLUS

CN Phenol, 4,4'-[1,3-phenylenebis[imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino-2,1-ethanediyl]]bis- (9CI) (CA INDEX NAME)



RN 852673-12-2 CAPLUS

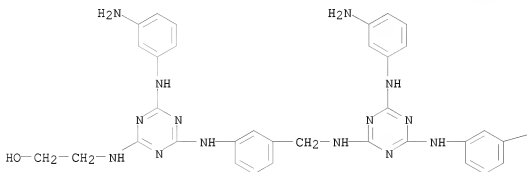
CN Ethanol, 2-[[4-[(3-aminophenyl)amino]-6-[[4-[[[4,6-bis[(3-aminophenyl)amino]-1,3,5-triazin-2-yl]amino]methyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



—NH<sub>2</sub>

RN 852673-13-3 CAPLUS

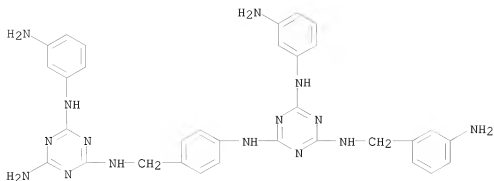
CN Ethanol, 2-[[4-[(3-aminophenyl)amino]-6-[[3-[[[4,6-bis[(3-aminophenyl)amino]-1,3,5-triazin-2-yl]amino)methyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



—NH<sub>2</sub>

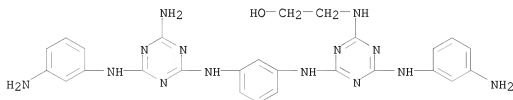
RN 852673-15-5 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N2-[4-[[[4-amino-6-[(3-aminophenyl)amino]-1,3,5-triazin-2-yl]amino)methyl]phenyl]-N4-(3-aminophenyl)-N6-[(3-aminophenyl)methyl]- (CA INDEX NAME)



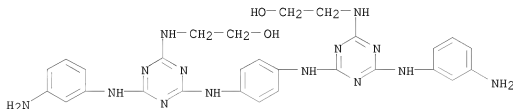
RN 852673-16-6 CAPLUS

CN Ethanol, 2-[[4-[[3-[[4-amino-6-[(3-aminophenyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-6-[(3-aminophenyl)amino]-1,3,5-triazin-2-yl]amino]-ethanol (CA INDEX NAME)



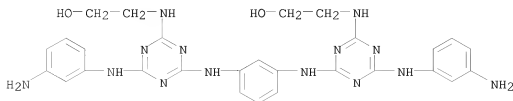
RN 852673-17-7 CAPLUS

CN Ethanol, 2,2'-[1,4-phenylenebis[imino[6-[(3-aminophenyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI) (CA INDEX NAME)



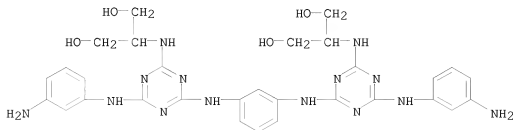
RN 852673-19-9 CAPLUS

CN Ethanol, 2,2'-[1,3-phenylenebis[imino[6-[(3-aminophenyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI) (CA INDEX NAME)



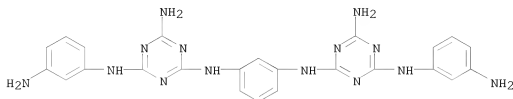
RN 852673-20-2 CAPLUS

CN 1,3-Propanediol, 2,2'-[1,3-phenylenebis[imino[6-[(3-aminophenyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI) (CA INDEX NAME)



RN 852673-21-3 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-1,3-phenylenebis[N'-(3-aminophenyl)- (9CI) (CA INDEX NAME)

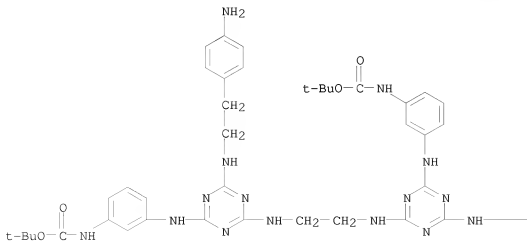


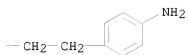
IT 852673-25-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of triazine dimers for treatment of autoimmune diseases)

RN 852673-25-7 CAPLUS

CN Carbamic acid, [1,2-ethanediylbis[imino[6-[[2-(4-aminophenyl)ethyl]amino]-1,3,5-triazine-4,2-diyl]imino-3,1-phenylene]]bis-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)



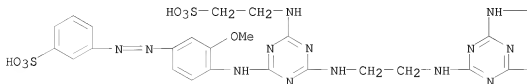


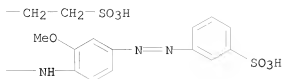
RE.CNT 3      THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 16 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2005:74158 CAPLUS  
 DN 142:136818  
 TI Disazo compounds and ink-jet ink compositions containing them  
 IN Shirasaki, Yasuo; Fujii, Katsunori; Nagasaki, Kazunobu  
 PA Nippon Kayaku Kabushiki Kaisha, Japan; Kabushiki Kaisha Nippon Kayaku  
 Tokyo  
 SO PCT Int. Appl., 30 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

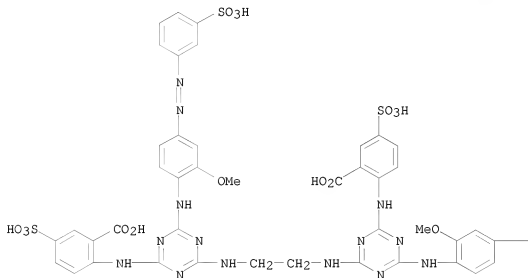
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005007752	A1	20050127	WO 2004-JP10015	20040714
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2532327	A1	20050127	CA 2004-2532327	20040714
	EP 1645598	A1	20060412	EP 2004-747481	20040714
	R: CH, DE, FR, GB, LI				
	CN 1823140	A	20060823	CN 2004-80020338	20040714
	KR 2007014930	A	20070201	KR 2005-725294	20051229
	US 20060169172	A1	20060803	US 2006-564644	20060113
PRAI	JP 2003-275348	A	20030716		
	WO 2004-JP10015	W	20040714		
OS	MARPAT 142:136818				
IT	733737-91-2P 825655-28-5P				
	RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (disazo compds. for ink-jet inks with bright yellow color and good resistance to light and gas)				
RN	733737-91-2 CAPLUS				
CN	Benzenesulfonic acid, 3,3'-[1,2-ethanediylbis(imino[6-[(2-sulfoethyl)amino]-1,3,5-triazine-4,2-diyl]imino(3-methoxy-4,1-phenylene)azo]]bis- (9CI) (CA INDEX NAME)				

PAGE 1-A

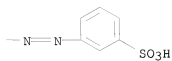




RN 825655-28-5 CAPLUS  
 CN Benzoic acid, 2,2'-[1,2-ethanediylbis[imino[6-[[2-methoxy-4-[(3-sulphophenyl)azo]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-sulfo-(9CI) (CA INDEX NAME)







RE.CNT 7      THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:515494 CAPLUS

DN 141:71568

TI Preparation of supported triazine compounds and their use in forming multidimensional libraries for affinity chromatography

IN Burton, Steven James; Hussain, Abid; Pearson, James Christopher

PA Prometic Biosciences Ltd., UK

SO PCT Int. Appl., 40 pp.

CODEN: PIXXD2

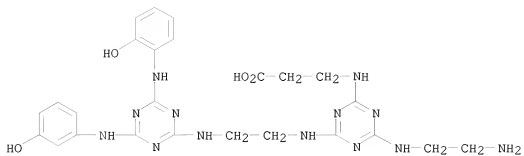
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004052870	A1	20040624	WO 2003-GB5368	20031209
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2508452	A1	20040624	CA 2003-2508452	20031209
	AU 2003288447	A1	20040630	AU 2003-288447	20031209
	AU 2003288447	B2	20080221		
	EP 1569918	A1	20050907	EP 2003-780366	20031209
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	CN 1788003	A	20060614	CN 2003-80105520	20031209
	JP 2006519764	T	20060831	JP 2005-502337	20031209
	US 20060052598	A1	20060309	US 2005-536953	20050808
PRAI	GB 2002-28724	A	20021209		
	US 2003-443092P	P	20030128		
	WO 2003-GB5368	W	20031209		
OS	MARPAT 141:71568				
IT	711012-18-9DP, reaction products with epichlorohydrin-derivatized agarose resin				
	RL: CPN (Combinatorial preparation); PUR (Purification or recovery); CMBI (Combinatorial study); PREP (Preparation)				
	(preparation of supported multidimensional triazine combinatorial libraries for affinity chromatog. purification of proteinaceous materials)				
RN	711012-18-9 CAPLUS				
CN	$\beta$ -Alanine, N-[4-[(2-aminoethyl)amino]-6-[[2-[[4-[(2-hydroxyphenyl)amino]-6-[(3-hydroxyphenyl)amino]-1,3,5-triazin-2-yl]amino]ethyl]amino]-1,3,5-triazin-2-yl]- (CA INDEX NAME)				

10/580,237



L4 ANSWER 18 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2004:470391 CAPLUS  
 DN 141:31034  
 TI Concentrated bleach-fixer composition for silver halide color photographic material  
 IN Okano, Satoshi; Kawashima, Kouki  
 PA Konica Minolta Holdings Inc., Japan  
 SO Eur. Pat. Appl., 51 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

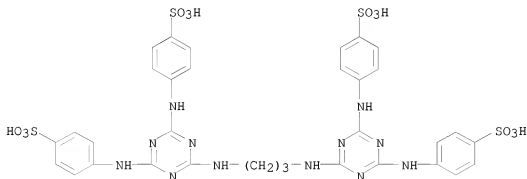
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1426819	A2	20040609	EP 2003-257603	20031203
	EP 1426819	A3	20050504		
	EP 1426819	B1	20070131		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2004184911	A	20040702	JP 2002-354699	20021206
	JP 2004258061	A	20040916	JP 2003-45394	20030224
	US 20040110102	A1	20040610	US 2003-725310	20031201
	CN 1506754	A	20040623	CN 2003-10118868	20031201
PRAI	JP 2002-354699	A	20021206		
	JP 2003-45394	A	20030224		
OS	MARPAT 141:31034				
IT	308320-97-0				

RL: TEM (Technical or engineered material use); USES (Uses)  
 (diaminotriazine compound; concentrated bleach-fixer composition for silver

halide

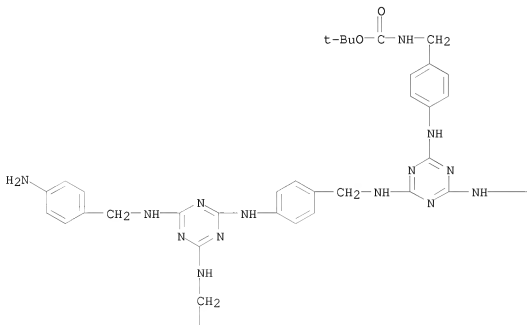
color photog. material containing)

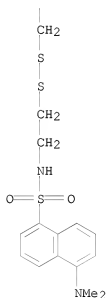
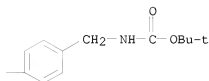
RN 308320-97-0 CAPLUS  
 CN Benzenesulfonic acid, 4,4',4'',4'''-[1,3-propanediylbis(imino-1,3,5-triazine-6,2,4-triylidimino)]tetrakis-, tetrasodium salt (9CI) (CA INDEX NAME)



L4 ANSWER 19 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2003:263957 CAPLUS  
 DN 139:6486  
 TI Evaluation of Multivalent Dendrimers Based on Melamine: Kinetics of  
 Thiol-Disulfide Exchange Depends on the Structure of the Dendrimer  
 AU Zhang, Wen; Tichy, Shane E.; Perez, Lisa M.; Maria, Gheorghe C.; Lindahl,  
 Paul A.; Simanek, Eric E.  
 CS Department of Chemistry, Texas A & M University, College Station, TX,  
 77843, USA  
 SO Journal of the American Chemical Society (2003), 125(17), 5086-5094  
 CODEN: JACSAT; ISSN: 0002-7863  
 PB American Chemical Society  
 DT Journal  
 LA English  
 OS CASREACT 139:6486  
 IT 534581-91-4P 534581-92-5P 534581-93-6P  
 RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP  
 (Preparation); RACT (Reactant or reagent)  
 (amino group deprotection with TFA; evaluation of multivalent  
 dendrimers based on melamine and kinetics of thiol-disulfide exchange  
 depends on structure of dendrimer)  
 RN 534581-91-4 CAPLUS  
 CN Carbamic acid, [[6-[[[4-[[[4-[[[4-aminophenyl)methyl]amino]-6-[[2-[[[2-[[[5-  
 (dimethylamino)-1-naphthalenyl]sulfonyl]amino]ethyl]dithio]ethyl]amino]-  
 1,3,5-triazin-2-yl]amino]phenyl]methyl]amino]-1,3,5-triazine-2,4-  
 diyl]bis(imino-4,1-phenylenemethylene)]bis-, bis(1,1-dimethylethyl) ester  
 (9CI) (CA INDEX NAME)

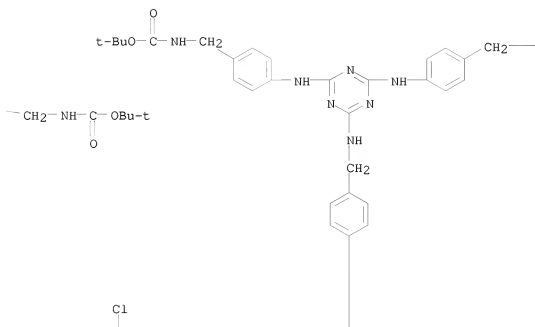
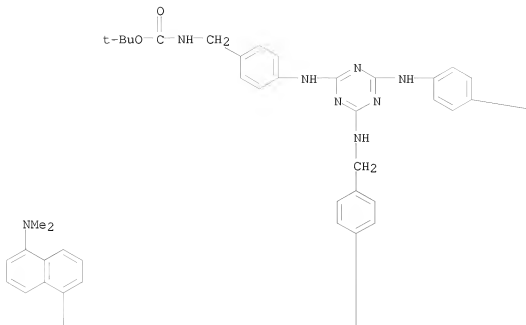
PAGE 1-A

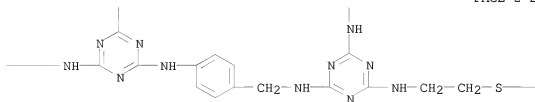
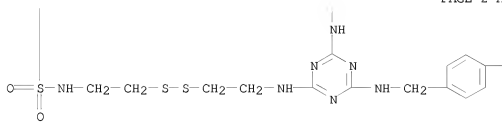
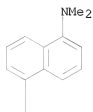
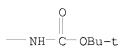




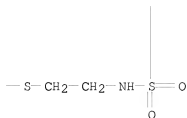
RN 534581-92-5 CAPLUS

CN Carbamic acid, [(6-chloro-1,3,5-triazine-2,4-diyl)bis[imino-4,1-phenylenemethyleneimino[6-[[2-[[2-[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl]amino]ethyl]dithio]ethyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenylenemethyleneimino-1,3,5-triazine-6,2,4-triylbis(imino-4,1-phenylenemethylene)]]tetrakis-, tetrakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)



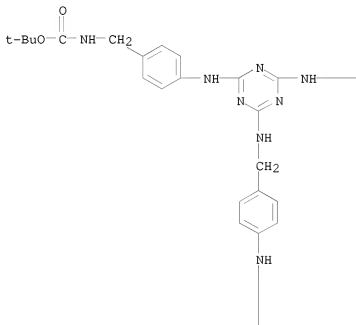


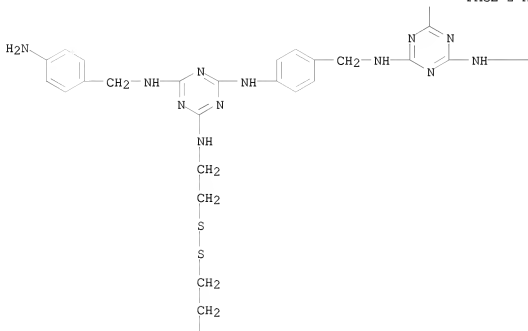
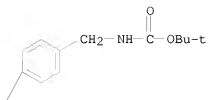
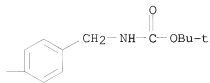




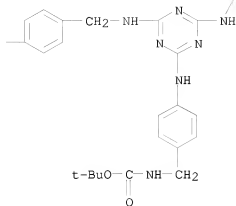
RN 534581-93-6 CAPLUS

CN Carbamic acid, [[6-[[[4-[[4-[[[4-aminophenyl)methyl]amino]-6-[[2-[[2-[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl]amino]ethyl]dithio]ethyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]methyl]amino]-1,3,5-triazine-2,4-diyl]bis[imino-4,1-phenylenemethyleneimino-1,3,5-triazine-6,2,4-triyl]bis(imino-4,1-phenylenemethylene)]]tetrakis-, tetrakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

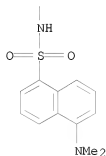




PAGE 2-B



PAGE 3-A



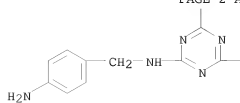
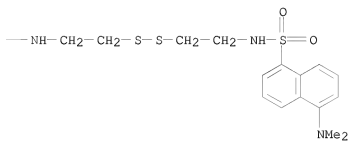
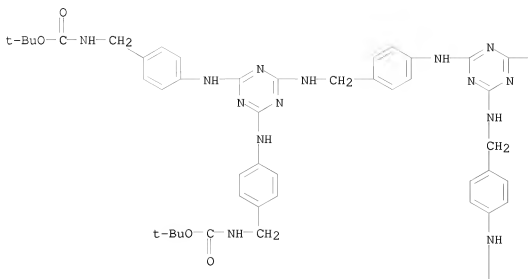
IT 534581-95-8P

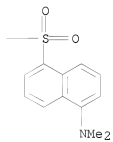
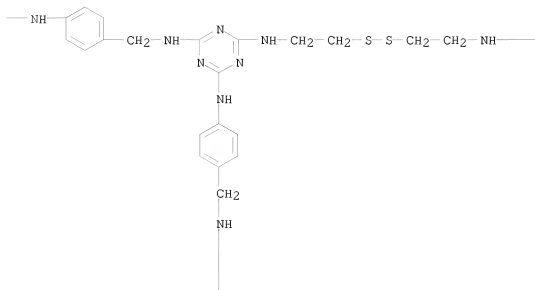
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(conversion to 4-aminobenzylaminodendrimer derivs.; evaluation of multivalent dendrimers based on melamine and kinetics of thiol-disulfide exchange depends on structure of dendrimer)

RN 534581-95-8 CAPLUS

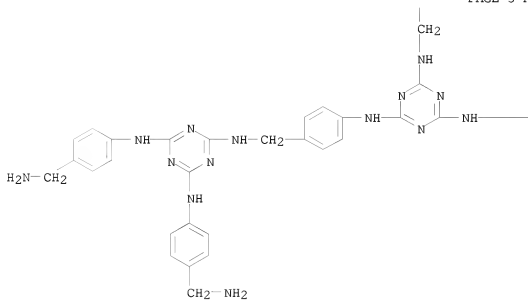
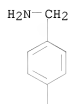
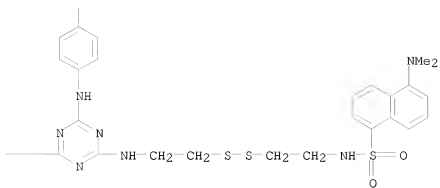
CN Carbamic acid, [[6-[[[(4-aminophenyl)methyl]amino]-1,3,5-triazine-2,4-diyl]bis[imino-4,1-phenylenemethyleneimino[6-[[2-[[2-[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl]amino]ethyl]dithio]ethyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenylenemethyleneimino-1,3,5-triazine-6,2,4-triyl]bis(imino-4,1-phenylenemethylene)]]tetrakis-, tetrakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)



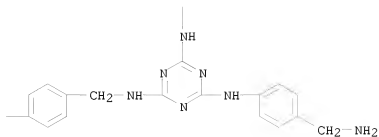








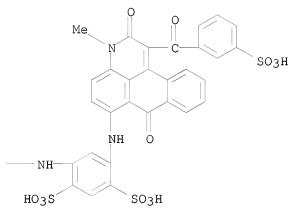
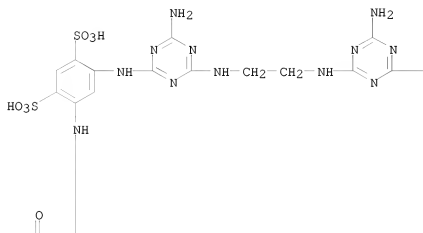


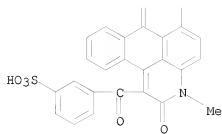


RE.CNT 62      THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 20 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2003:261903 CAPLUS  
 DN 138:273135  
 TI Novel anthrapyridone compounds, water-based magenta ink compositions, and ink-jet recording process  
 IN Matsumoto, Hiroyuki; Fujii, Katsunori; Fujii, Takafumi; Shirasaki, Yasuo  
 PA Nippon Kayaku Kabushiki Kaisha, Japan  
 SO PCT Int. Appl., 42 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003027185	A1	20030403	WO 2002-JP9874	20020925
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR				
	JP 2003192930	A	20030709	JP 2002-277220	20020924
	CA 2461432	A1	20030403	CA 2002-2461432	20020925
	AU 2002332307	A1	20030407	AU 2002-332307	20020925
	EP 1437385	A1	20040714	EP 2002-768063	20020925
	EP 1437385	B1	20060614		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	CN 1558933	A	20041229	CN 2002-818956	20020925
	RU 2281944	C2	20060820	RU 2004-108852	20020925
	TW 265182	B	20061101	TW 2002-91121958	20020925
	US 20040239739	A1	20041202	US 2004-490400	20040323
	US 6929361	B2	20050816		
	IN 2004CN00624	A	20050520	IN 2004-CN624	20040325
	US 20050171351	A1	20050804	US 2005-96507	20050401
	US 7015327	B2	20060321		
PRAI	JP 2001-292853	A	20010926		
	WO 2002-JP9874	W	20020925		
	US 2004-490400	A3	20040323		
OS	MARPAT 138:273135				
IT	503543-35-9P				
	RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (water-based magenta ink-jet inks containing anthrapyridone compds. with good fastness to light, ozone gas, and water)				
RN	503543-35-9 CAPLUS				
CN	1,3-Benzenedisulfonic acid, 4,4'-[1,2-ethanediylbis(imino(6-amino-1,3,5-triazine-4,2-diyl)imino)]bis[6-[[[2,7-dihydro-3-methyl-2,7-dioxo-1-(3-sulfobenzoyl)-3H-naphtho[1,2,3-de]quinolin-6-yl]amino]-, hexasodium salt (9CI) (CA INDEX NAME)				



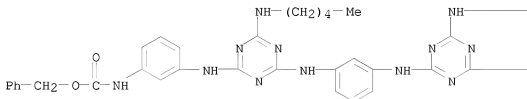


● 6 Na

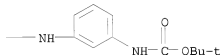
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2003:91106 CAPLUS  
 DN 139:22200  
 TI Synthesis of novel rigid triazine-based calix[6]arenes  
 AU Yang, Xiaoping; Lowe, Christopher R.  
 CS University of Cambridge, Institute of Biotechnology, Cambridge, CB2 1QT,  
 UK  
 SO Tetrahedron Letters (2003), 44(7), 1359-1362  
 CODEN: TELEAY; ISSN: 0040-4039  
 PB Elsevier Science Ltd.  
 DT Journal  
 LA English  
 OS CASREACT 139:22200  
 IT 537049-09-5P 537049-10-8P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation of rigid triazine-based calix[6]arenes)  
 RN 537049-09-5 CAPLUS  
 CN Carbamic acid, [3-[[[4-[[[3-[[[4-[[[3-[[[(1,1-dimethylethoxy)carbonyl]amino]phe  
 nyl]amino]-6-(pentylamino)-1,3,5-triazin-2-yl]amino]phenyl]amino]-6-  
 (pentylamino)-1,3,5-triazin-2-yl]amino]phenyl]-, phenylmethyl ester (9CI)  
 (CA INDEX NAME)

PAGE 1-A

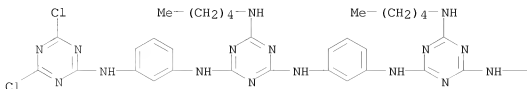


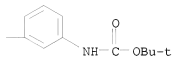
PAGE 1-B

— (CH<sub>2</sub>)<sub>4</sub>—Me

RN 537049-10-8 CAPLUS  
 CN Carbamic acid, [3-[[[4-[[[3-[[[4-[[[3-[[[(4,6-dichloro-1,3,5-triazin-2-  
 yl]amino]phenyl]amino]-6-(pentylamino)-1,3,5-triazin-2-  
 yl]amino]phenyl]amino]-6-(pentylamino)-1,3,5-triazin-2-yl]amino]phenyl]-,  
 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

PAGE 1-A



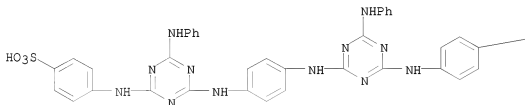


RE.CNT 11      THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 22 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2002:466321 CAPLUS  
 DN 137:26004  
 TI Colorless optically anisotropic material for optical films  
 IN Taguchi, Keiichi  
 PA Fuji Photo Film Co., Ltd., Japan  
 SO PCT Int. Appl., 43 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002048759	A1	20020620	WO 2001-JP11000	20011214
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RW, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2002022646	A5	20020624	AU 2002-22646	20011214
EP 1343025	A1	20030910	EP 2001-270793	20011214
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
TW 594118	B	20040621	TW 2001-90131041	20011214
US 20040041124	A1	20040304	US 2003-450404	20030613
US 6881454	B2	20050419		
PRAI JP 2000-380606	A	20001214		
WO 2001-JP11000	W	20011214		
IT 434328-84-4				
RL:	DEV (Device component use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)			
	(colorless optically anisotropic material for optical films)			
RN 434328-84-4	CAPLUS			
CN	Benzenesulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino)]bis-, sodium salt (1:2) (CA INDEX NAME)			

PAGE 1-A



10/580,237

PAGE 1-B

—SO<sub>3</sub>H

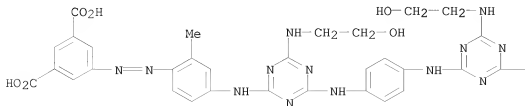
RE.CNT 15      THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

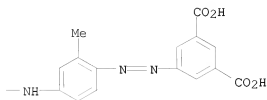


L4 ANSWER 23 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2002:138939 CAPLUS  
 DN 136:185505  
 TI Ink-jet ink with enhanced fluorescence and recording method  
 IN Nagashima, Akira; Hakamada, Shinichi  
 PA Canon Kabushiki Kaisha, Japan  
 SO Eur. Pat. Appl., 63 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1180541	A1	20020220	EP 2001-119033	20010807
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	CA 2354788	A1	20020208	CA 2001-2354788	20010807
	SG 99936	A1	20031127	SG 2001-4733	20010807
	EP 1862512	A1	20071205	EP 2007-111636	20010807
	R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, TR				
	US 20020047884	A1	20020425	US 2001-923417	20010808
	US 6676734	B2	20040113		
	CN 1347943	A	20020508	CN 2001-140765	20010808
	JP 2003113331	A	20030418	JP 2001-240766	20010808
	AU 784608	B2	20060511	AU 2001-57836	20010808
	TW 290571	B	20071201	TW 2001-90119388	20010808
	US 20040074419	A1	20040422	US 2003-629620	20030730
	US 7220301	B2	20070522		
	US 20040183877	A1	20040923	US 2003-629802	20030730
	US 7144105	B2	20061205		
PRAI	JP 2000-240314	A	20000808		
	JP 2000-240492	A	20000808		
	JP 2000-354169	A	20001121		
	JP 2000-354185	A	20001121		
	JP 2001-232792	A	20010731		
	JP 2001-232931	A	20010731		
	EP 2001-119033	A3	20010807		
	US 2001-923417	A3	20010808		
IT	399529-58-9				
	RL: TEM (Technical or engineered material use); USES (Uses)				
	(ink-jet ink with enhanced fluorescence and recording method)				
RN	399529-58-9 CAPLUS				
CN	1,3-Benzenedicarboxylic acid, 5,5'-[1,4-phenylenebis(imino[6-[(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino(2-methyl-4,1-phenylene)azo]]bis- (9CI) (CA INDEX NAME)				

PAGE 1-A

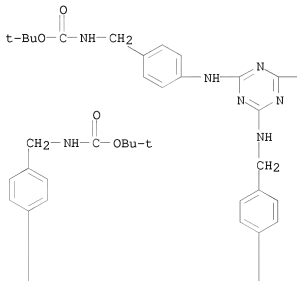


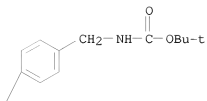
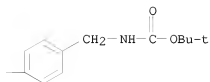
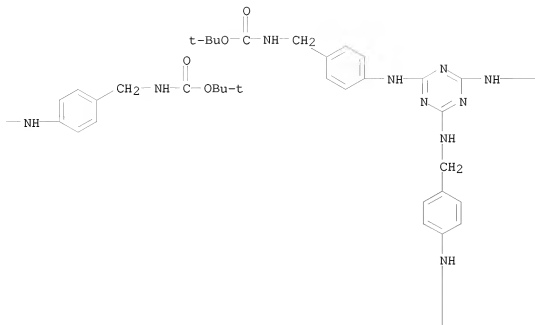


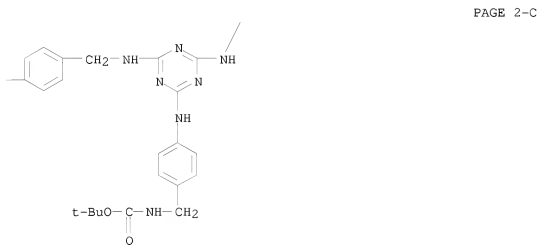
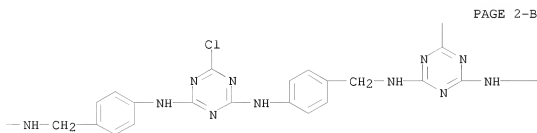
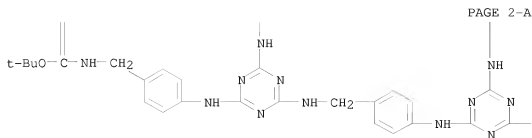
RE.CNT 5      THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 24 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2001:518496 CAPLUS  
 DN 135:289140  
 TI Synthesis and characterization of higher generation dendrons based on  
 melamine using p-aminobenzylamine. Evidence for molecular recognition of  
 Cu(II)  
 AU Zhang, W.; Simanek, E. E.  
 CS Department of Chemistry, Texas A&M University, College Station, TX, 77843,  
 USA  
 SO Tetrahedron Letters (2001), 42(32), 5355-5357  
 CODEN: TELEAY; ISSN: 0040-4039  
 PB Elsevier Science Ltd.  
 DT Journal  
 LA English  
 IT 263551-64-0P 263551-93-5P 364387-18-8P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (synthesis and characterization of higher generation dendrons based on  
 melamine using p-aminobenzylamine and mol. recognition of Cu(II))  
 RN 263551-64-0 CAPLUS  
 CN Carbamic acid, [(6-chloro-1,3,5-triazine-2,4-diyl)bis[imino-4,1-  
 phenylenemethyleneimino-1,3,5-triazine-6,2,4-triylbis[imino-4,1-  
 phenylenemethyleneimino-1,3,5-triazine-6,2,4-triylbis[imino-4,1-  
 phenylenemethylene]]]octakis-, octakis(1,1-dimethylethyl) ester (9CI)  
 (CA INDEX NAME)

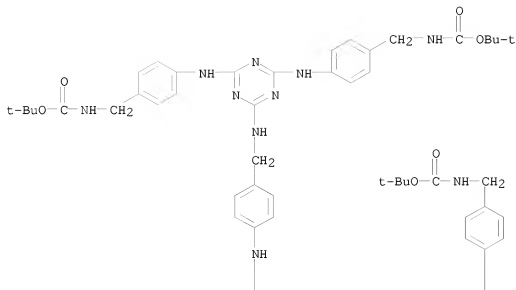
PAGE 1-A

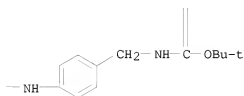
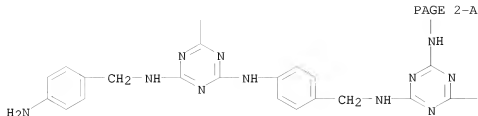






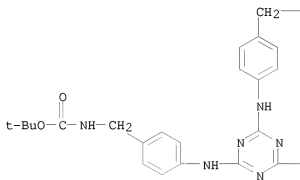
RN 263551-93-5 CAPLUS  
 CN Carbamic acid, [[6-[[[(4-aminophenyl)methyl]amino]-1,3,5-triazine-2,4-diyl]bis[imino-4,1-phenylenemethyleneimino-1,3,5-triazine-6,2,4-triyl]bis(imino-4,1-phenylenemethylene)]]tetrakis-, tetrakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

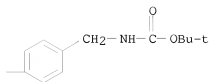
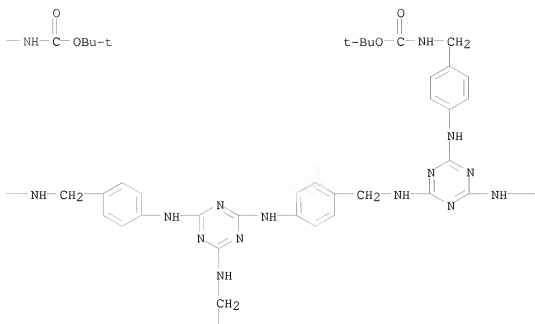




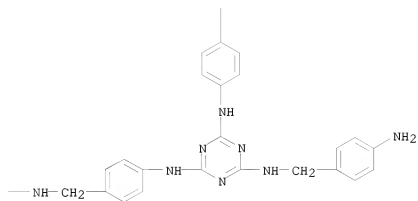
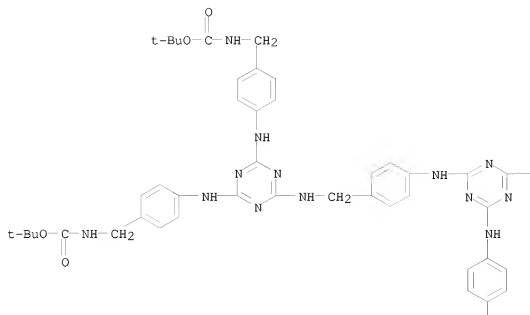
RN 364387-18-8 CAPLUS  
 CN Carbamic acid, [[6-[[[(4-aminophenyl)methyl]amino]-1,3,5-triazine-2,4-diyl]bis[imino-4,1-phenylenemethyleneimino-1,3,5-triazine-6,2,4-triyl]bis(imino-4,1-phenylenemethyleneimino-1,3,5-triazine-6,2,4-triyl]bis(imino-4,1-phenylenemethylene)]]]octakis-, octakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

PAGE 1-A

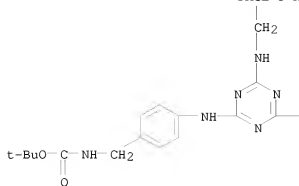




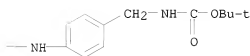




PAGE 3-A



PAGE 3-B



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 25 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2001:54348 CAPLUS  
 DN 134:117258  
 TI Red water-based ink compositions, materials colored with the same, and coloring process thereof  
 IN Tabei, Itaru; Yamaguchi, Isao; Shirasaki, Yasuo  
 PA Nippon Kayaku Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 11 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001019881	A	20010123	JP 1999-193212	19990707
PRAI	JP 1999-193212		19990707		
OS	MARPAT 134:117258				
IT	321164-56-1P				

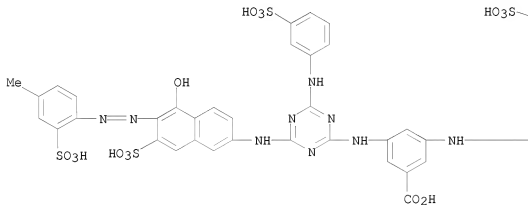
RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
 (water-based anticlogging ink-jet ink comps. containing red colorants and having good light resistance)

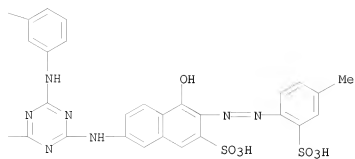
RN 321164-56-1 CAPLUS

CN Benzoic acid, 3,5-bis[[6-[[5-hydroxy-6-[2-(4-methyl-2-sulphophenyl)diazenyl]-7-sulfo-2-naphthalenyl]amino]-4-[(3-sulphophenyl)amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)

PAGE 1-A

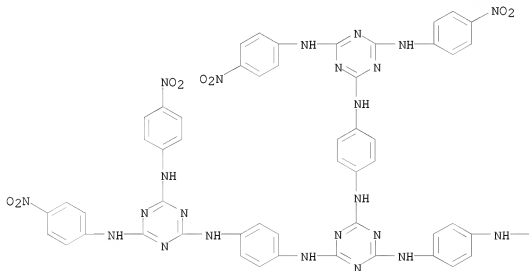
HO<sub>3</sub>S

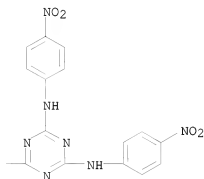




L4 ANSWER 26 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2000:860981 CAPLUS  
 DN 134:163418  
 TI Triazine dendrimers by divergent and convergent methods  
 AU Takagi, Koji; Hattori, Tatsuya; Kunisada, Hideo; Yuki, Yasuo  
 CS Department of Materials Science and Engineering, Nagoya Institute of  
 Technology, Nagoya, 466-8555, Japan  
 SO Journal of Polymer Science, Part A: Polymer Chemistry (2000), 38(24),  
 4385-4395  
 CODEN: JPACEC; ISSN: 0887-624X  
 PB John Wiley & Sons, Inc.  
 DT Journal  
 LA English  
 IT 325067-57-0P 325067-62-7P 325067-72-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (triazine dendrimer preparation by divergent and convergent methods)  
 RN 325067-57-0 CAPLUS  
 CN 1,3,5-Triazine-2,4,6-triamine, N,N',N''-tris[4-[[4,6-bis[(4-  
 nitrophenyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]- (9CI) (CA INDEX  
 NAME)

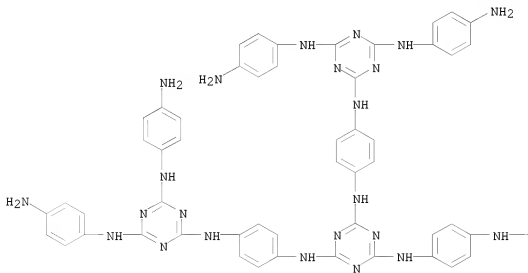
PAGE 1-A

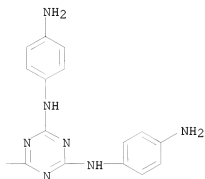




RN 325067-62-7 CAPLUS

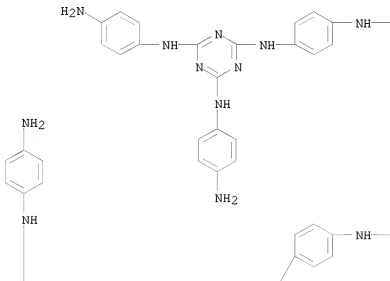
CN 1,3,5-Triazine-2,4,6-triamine, N,N',N''-tris[4-[[4,6-bis[(4-aminophenyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]- (9CI) (CA INDEX NAME)

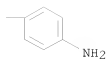
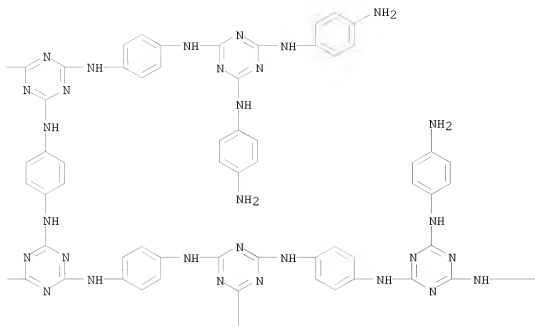




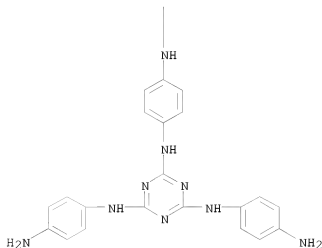
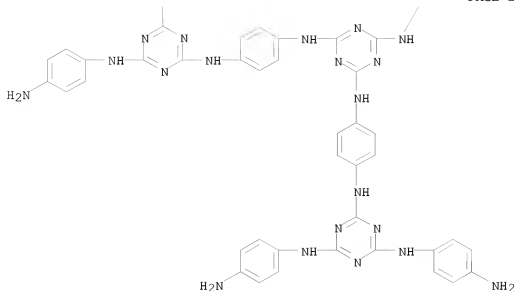
RN 325067-72-9 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N,N',N''-tris[4-[[[4,6-bis[[4-[[[4,6-bis[(4-aminophenyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]- (9CI) (CA INDEX NAME)







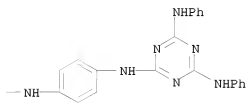
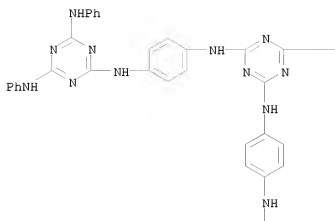


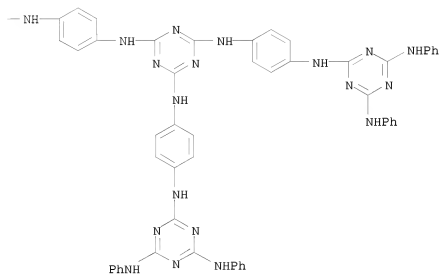
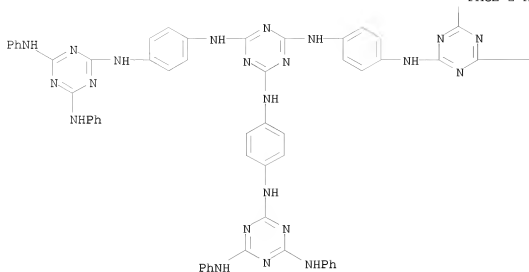
IT 325067-77-4P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(triazine dendrimer preparation by divergent and convergent methods)

RN 325067-77-4 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N,N',N''-tris[4-[[[4,6-bis[[[4,6-bis(phenylamino)-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]- (9CI) (CA INDEX NAME)





RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 27 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2000:829372 CAPLUS  
 DN 134:11429  
 TI Photographic processing compositions containing stain reducing agent  
 IN Goswami, Ramanuj; Craver, Mary E.; Price, Harry J.  
 PA Eastman Kodak Company, USA  
 SO U.S., 17 pp.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6153365	A	20001128	US 1999-464551	19991216
	US 6232052	B1	20010515	US 2000-570636	20000515
	US 6232053	B1	20010515	US 2000-570970	20000515
	EP 1111459	A2	20010627	EP 2000-204316	20001204
	EP 1111459	A3	20010926		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001174957	A	20010629	JP 2000-381476	20001215
	US 20010004514	A1	20010621	US 2001-775280	20010201
	US 6395462	B2	20020528		
	US 6395461	B1	20020528	US 2001-775151	20010201
PRAI	US 1999-464551	A3	19991216		
	US 2000-570630	A3	20000515		
	US 2000-570970	A3	20000515		

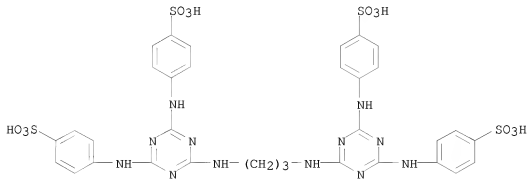
OS MARPAT 134:11429

IT 308320-97-0

RL: TEM (Technical or engineered material use); USES (Uses)  
 (photog. processing compns. containing spectral sensitizing dye stain  
 reducing agent)

RN 308320-97-0 CAPLUS

CN Benzenesulfonic acid, 4,4',4'',4'''-[1,3-propanediylbis(imino-1,3,5-  
 triazine-6,2,4-triyl-diimino)]tetrakis-, tetrasodium salt (9CI) (CA INDEX  
 NAME)



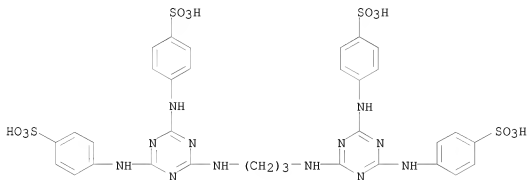
● 4 Na

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT



L4 ANSWER 28 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2000:829371 CAPLUS  
 DN 134:23431  
 TI Photographic processing methods using compositions containing stain  
 reducing agent  
 IN Goswami, Ramanuj; Price, Harry J.; Craver, Mary E.  
 PA Eastman Kodak Company, USA  
 SO U.S., 18 pp.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 1

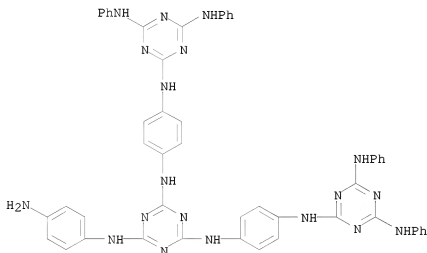
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6153364	A	20001128	US 1999-464961	19991216
	CA 2325591	A1	20010616	CA 2000-2325591	20001110
	EP 1109063	A1	20010620	EP 2000-204292	20001204
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001201831	A	20010727	JP 2000-378424	20001213
PRAI	US 1999-464961	A	19991216		
OS	MARPAT 134:23431				
IT	308320-97-0				
	RL: TEM (Technical or engineered material use); USES (Uses) (photog. processing methods using compns. containing stain reducing agent)				
RN	308320-97-0	CAPLUS			
CN	Benzenesulfonic acid, 4,4',4'',4'''-[1,3-propanediylbis(imino-1,3,5-triazine-6,2,4-triyl-diimino)]tetrakis-, tetrasodium salt (9CI) (CA INDEX NAME)				



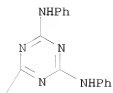
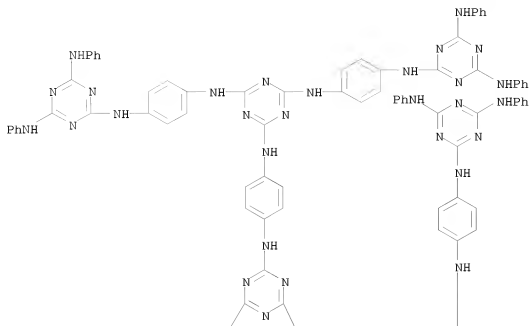
● 4 Na

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

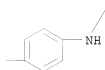
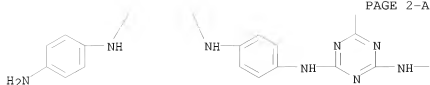
L4 ANSWER 29 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2000:778068 CAPLUS  
 DN 134:57046  
 TI Synthesis of triazine dendrimers  
 AU Takagi, Koji; Uchikura, Kazuhiko; Hattori, Tatsuya; Kunisada, Hideo; Yuki, Yasuo  
 CS Department of Materials Science and Engineering, Nagoya Institute of Technology, Nagoya, 466-8555, Japan  
 SO Kobunshi Ronbunshu (2000), 57(10), 646-651  
 CODEN: KBRBA3; ISSN: 0386-2186  
 PB Kobunshi Gakkai  
 DT Journal  
 LA Japanese  
 IT 313485-54-0P 313485-56-2P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (dendrimer, convergent approach; in preparation of triazine dendrimers)  
 RN 313485-54-0 CAPLUS  
 CN 1,3,5-Triazine-2,4,6-triamine, N-(4-aminophenyl)-N',N''-bis[4-[[4,6-bis(phenylamino)-1,3,5-triazin-2-yl]amino]phenyl]- (9CI) (CA INDEX NAME)



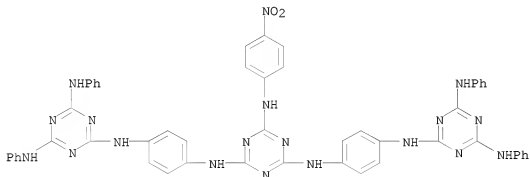
RN 313485-56-2 CAPLUS  
 CN 1,3,5-Triazine-2,4,6-triamine, N-(4-aminophenyl)-N',N''-bis[4-[[4,6-bis[[4,6-bis(phenylamino)-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]- (9CI) (CA INDEX NAME)





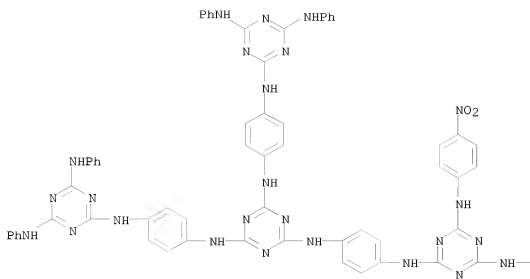


IT 313485-53-9P 313485-55-1P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (in preparation of triazine dendrimers)  
 RN 313485-53-9 CAPLUS  
 CN 1,3,5-Triazine-2,4,6-triamine, N,N'-bis[4-[[4,6-bis(phenylamino)-1,3,5-  
 triazin-2-yl]amino]phenyl]-N''-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

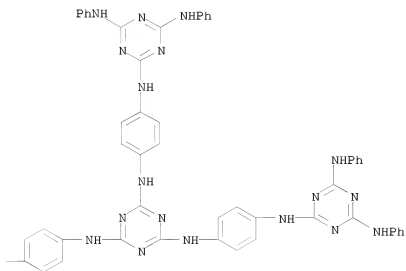


RN 313485-55-1 CAPLUS  
 CN 1,3,5-Triazine-2,4,6-triamine, N,N'-bis[4-[[4,6-bis[[4,6-  
 bis(phenylamino)-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazin-2-  
 yl]amino]phenyl]-N''-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

PAGE 1-A

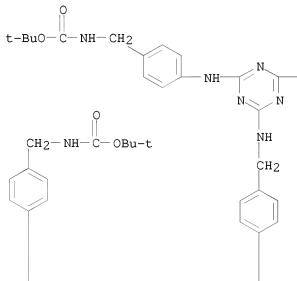


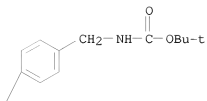
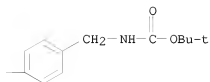
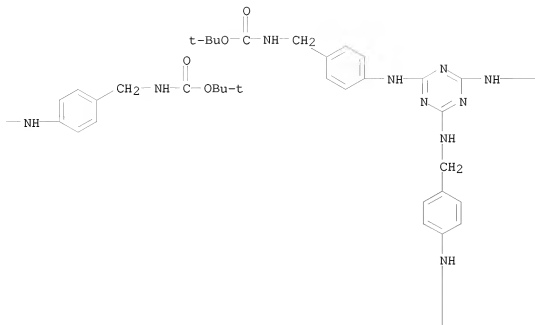
PAGE 1-B

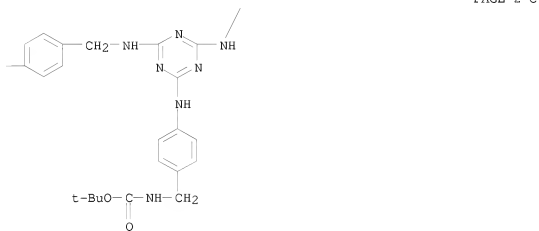
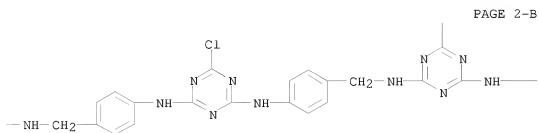
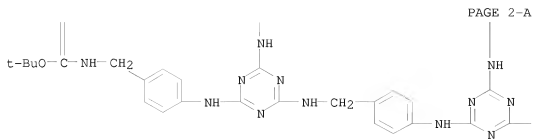


L4 ANSWER 30 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2000:122227 CAPLUS  
 DN 132:265569  
 TI Dendrimers Based on Melamine. Divergent and Orthogonal, Convergent  
 Syntheses of a G3 Dendrimer  
 AU Zhang, Wen; Simanek, Eric E.  
 CS Department of Chemistry, Texas A&M University, College Station, TX, 77845,  
 USA  
 SO Organic Letters (2000), 2(6), 843-845  
 CODEN: ORLEF7; ISSN: 1523-7060  
 PB American Chemical Society  
 DT Journal  
 LA English  
 IT 263551-64-0P 263551-66-2P 263551-67-3P  
 263551-93-5P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (in preparation of third-generation dendrimers with triazines linked by  
 diamines)  
 RN 263551-64-0 CAPLUS  
 CN Carbamic acid, [(6-chloro-1,3,5-triazine-2,4-diyl)bis[imino-4,1-  
 phenylenemethyleneimino-1,3,5-triazine-6,2,4-triylbis[imino-4,1-  
 phenylenemethyleneimino-1,3,5-triazine-6,2,4-triylbis(imino-4,1-  
 phenylenemethylene)]]]octakis-, octakis(1,1-dimethylethyl) ester (9CI)  
 (CA INDEX NAME)

PAGE 1-A

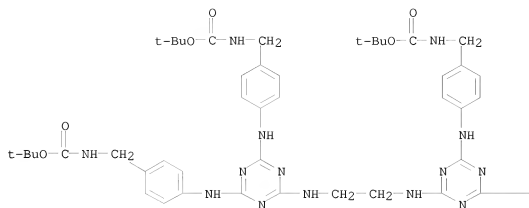




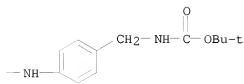


RN 263551-66-2 CAPLUS  
 CN Carbamic acid, [1,2-ethanediylbis(imino-1,3,5-triazine-6,2,4-triylbis(imino-4,1-phenylenemethylene))]tetrakis-, tetrakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

PAGE 1-A



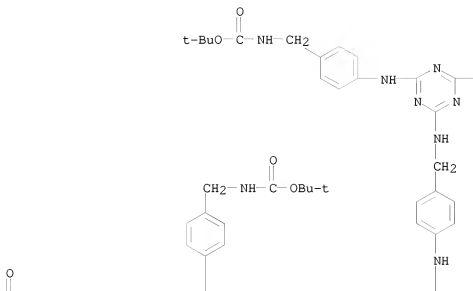
PAGE 1-B



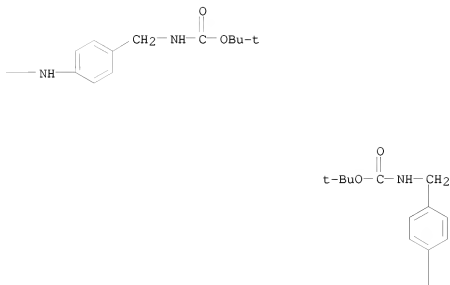
RN 263551-67-3 CAPLUS

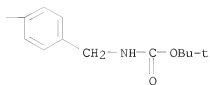
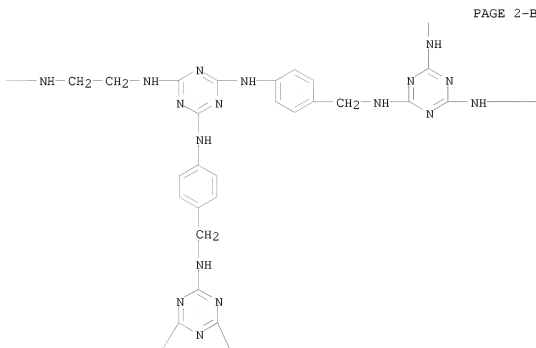
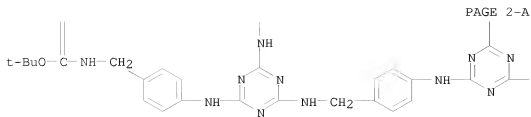
CN Carbamic acid, [1,2-ethanediylbis[imino-1,3,5-triazine-6,2,4-triylbis[imino-4,1-phenylenemethyleneimino-1,3,5-triazine-6,2,4-triylbis(imino-4,1-phenylenemethylene)]]]octakis-, octakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



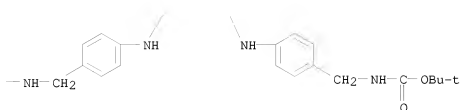




PAGE 3-A

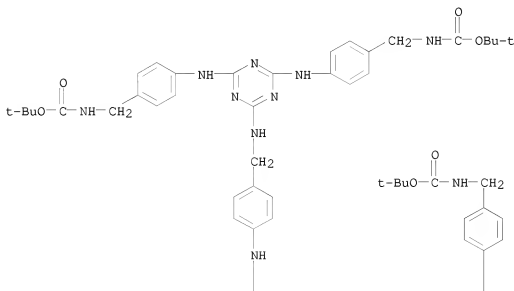


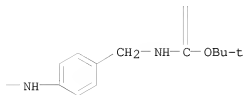
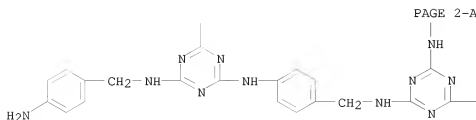
PAGE 3-B



RN 263551-93-5 CAPLUS  
 CN Carbamic acid, [[6-[[[(4-aminophenyl)methyl]amino]-1,3,5-triazine-2,4-diyl]bis[imino-4,1-phenylenemethyleneimino-1,3,5-triazine-6,2,4-triyl]bis(imino-4,1-phenylenemethylene)]]tetrakis-, tetrakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

PAGE 1-A





RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 31 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1999:705303 CAPLUS  
 DN 131:287736  
 TI High-fixation reactive dyes for moderate temperature dyeing and their preparation  
 IN Zhu, Zhenghua; Jiang, Limin  
 PA Shanghai United Institute of Reactive Dyes, Peop. Rep. China  
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 20 pp.  
 CODEN: CNXXEV  
 DT Patent  
 LA Chinese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1134961	A	19961106	CN 1996-116228	19960125
	CN 1059688	B	20001220		
PRAI	CN 1996-116228		19960125		

OS MARPAT 131:287736

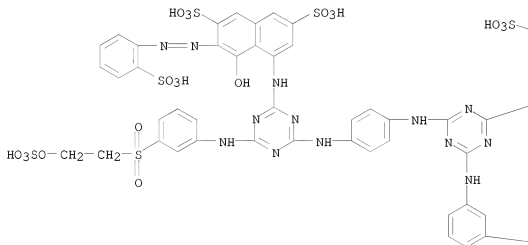
IT 103487-84-9P

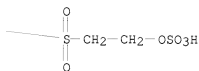
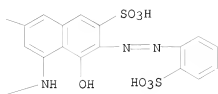
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
 (preparation of high-fixation reactive dyes for moderate temperature dyeing)

RN 103487-84-9 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-[[3-[[2-(sulfoxy)ethyl)sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-hydroxy-6-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)

PAGE 1-A





L4 ANSWER 32 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1999:665758 CAPLUS  
 DN 131:259012  
 TI Ink-jet printing ink compositions and coating compositions for recording sheets  
 IN Lavery, Aidan Joseph; Watkinson, Janette  
 PA Zeneca Limited, UK; ZSC Specialty Chemicals UK Limited; Avecia Limited  
 SO Brit. UK Pat. Appl., 26 pp.  
 CODEN: BAXXDU  
 DT Patent  
 LA English  
 FAN.CNT 1

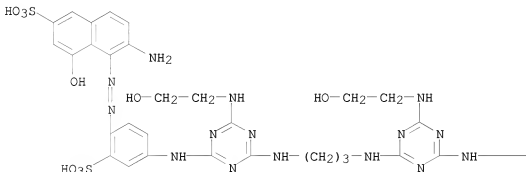
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2332438	A	19990623	GB 1998-27475	19981215
	GB 2332438	B	20030319		
	US 6231653	B1	20010515	US 1998-210935	19981215
PRAI	GB 1997-26814	A	19971219		

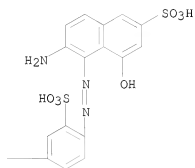
IT 223595-74-2P  
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
 (dye; ink-jet printing ink compns.)

RN 223595-74-2 CAPLUS

CN 2-Naphthalenesulfonic acid, 5,5'-[1,3-propanediylbis(imino[6-[(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino(2-sulfo-4,1-phenylene)azo]]bis[6-amino-4-hydroxy- (9CI) (CA INDEX NAME)

PAGE 1-A





L4 ANSWER 33 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1999:297470 CAPLUS  
 DN 130:313186  
 TI Disazo dyes for ink jet printing  
 IN Robertson, Colin Dick; Carr, Kathryn; Lavery, Aidan Joseph; Wight, Paul;  
 Watkinson, Janette  
 PA Zeneca Limited, UK  
 SO PCT Int. Appl., 37 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

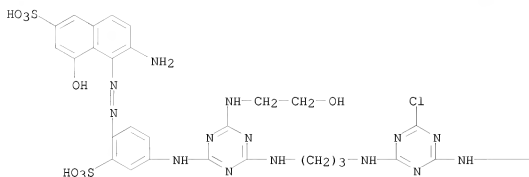
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9921922	A1	19990506	WO 1998-GB2971	19981002
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9892758	A	19990517	AU 1998-92758	19981002
	GB 2346890	A	20000823	GB 2000-7955	19981002
	GB 2346890	B	20020410		
	US 6482255	B1	20021119	US 2000-529810	20000626
PRAI	GB 1997-22396	A	19971024		
	GB 1997-26812	A	19971219		
	WO 1998-GB2971	W	19981002		
OS	MARPAT 130:313186				
IT	223595-77-5P 223595-78-6P 223595-79-7P				
	RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)				
	(dye mixture; production of disazo dye compns. for jet printing inks)				
RN	223595-77-5 CAPLUS				
CN	2-Naphthalenesulfonic acid, 5,5'-[1,3-propanediylbis[imino(6-chloro-1,3,5-triazine-4,2-diyl)imino(2-sulfo-4,1-phenylene)azo]]bis[6-amino-4-hydroxy-, mixt. with 6-amino-5-[[4-[[4-[[3-[[4-[[4-[(2-amino-8-hydroxy-6-sulfo-1-naphthalenyl)azo]-3-sulfophenyl)amino]-6-chloro-1,3,5-triazin-2-yl]amino]propyl]amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-4-hydroxy-2-naphthalenesulfonic acid and 5,5'-[1,3-propanediylbis[imino(6-[(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl)imino(2-sulfo-4,1-phenylene)azo]]bis[6-amino-4-hydroxy-2-naphthalenesulfonic acid] (9CI) (CA INDEX NAME)				

CM 1

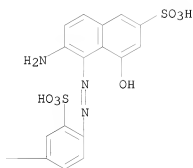
CRN 223595-76-4

CMF C43 H40 Cl N17 O15 S4

PAGE 1-A



PAGE 1-B

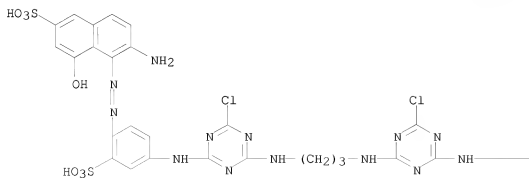


CM 2

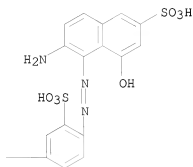
CRN 223595-75-3

CMF C41 H34 Cl2 N16 O14 S4

PAGE 1-A



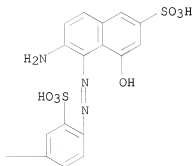
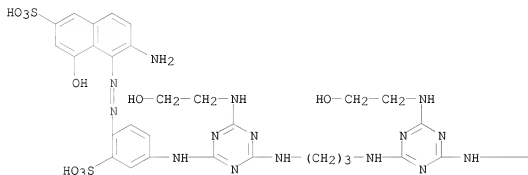




CM 3

CRN 223595-74-2

CMF C45 H46 N18 O16 S4



RN 223595-78-6 CAPLUS

CN 2-Naphthalenesulfonic acid, 5,5'-[1,3-propanediylbis(imino[6-[(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino(2-sulfo-4,1-

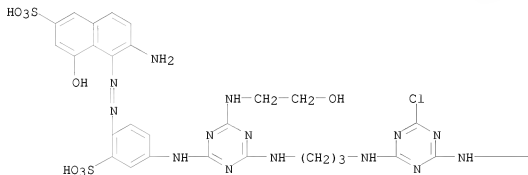
phenylene)azo]]bis[6-amino-4-hydroxy-, mixt. with 6-amino-5-[[4-[[4-[[3-  
[[4-[[4-[(2-amino-8-hydroxy-6-sulfo-1-naphthalenyl)azo]-3-  
sulfophenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]propyl]amino]-6-[(2-  
hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-4-hydroxy-  
2-naphthalenesulfonic acid (9CI) (CA INDEX NAME)

CM 1

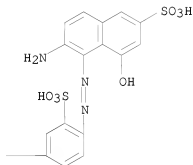
CRN 223595-76-4

CMF C43 H40 Cl N17 O15 S4

PAGE 1-A



PAGE 1-B

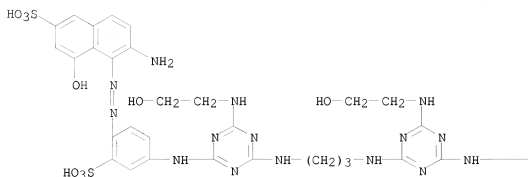


CM 2

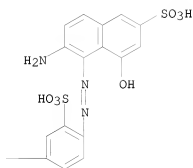
CRN 223595-74-2

CMF C45 H46 N18 O16 S4

PAGE 1-A



PAGE 1-B



RN 223595-79-7 CAPLUS

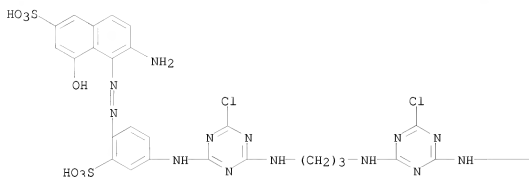
CN 2-Naphthalenesulfonic acid, 5,5'-[1,3-propanediylbis[imino(6-chloro-1,3,5-triazine-4,2-diyl)imino(2-sulfo-4,1-phenylene)azo]]bis[6-amino-4-hydroxy-, mixt. with 5,5'-[1,3-propanediylbis[imino[6-[(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino(2-sulfo-4,1-phenylene)azo]]bis[6-amino-4-hydroxy-2-naphthalenesulfonic acid] (9CI) (CA INDEX NAME)

CM 1

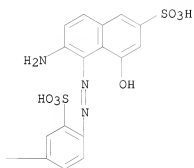
CRN 223595-75-3

CMF C41 H34 Cl2 N16 O14 S4

PAGE 1-A



PAGE 1-B

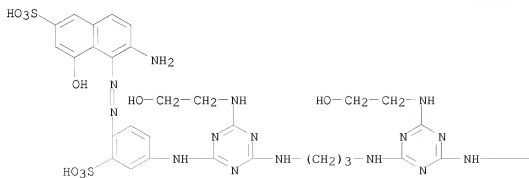


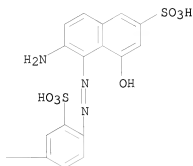
CM 2

CRN 223595-74-2

CMF C45 H46 N18 O16 S4

PAGE 1-A



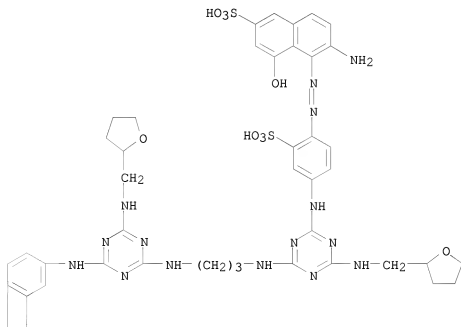


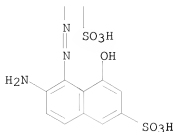
IT 223595-80-0

RL: TEM (Technical or engineered material use); USES (Uses)  
(dye; disazo dyes for jet printing inks)

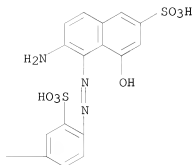
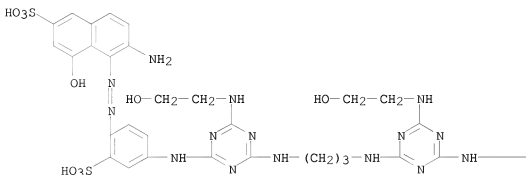
RN 223595-80-0 CAPLUS

CN 2-Naphthalenesulfonic acid, 5,5'-[1,3-propanediylbis[imino[6-[(tetrahydro-2-furanyl)methyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-sulfo-4,1-phenylene)azo]]bis[6-amino-4-hydroxy- (9CI) (CA INDEX NAME)





IT 223595-74-2P  
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
 (magenta dye; production of disazo dyes for jet printing inks)  
 RN 223595-74-2 CAPLUS  
 CN 2-Naphthalenesulfonic acid, 5,5'-[1,3-propanediylbis[imino[6-[(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino(2-sulfo-4,1-phenylene)azo]]bis[6-amino-4-hydroxy- (9CI) (CA INDEX NAME)



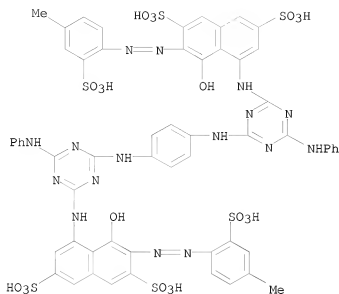
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT



L4 ANSWER 34 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1999:233966 CAPLUS  
 DN 130:283356  
 TI Bridged monoazo dyes, their preparation and their use  
 IN Lehr, Friedrich  
 PA Clariant Finance (BVI) Limited, Virgin I. (Brit.); Clariant International Ltd.  
 SO PCT Int. Appl., 49 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

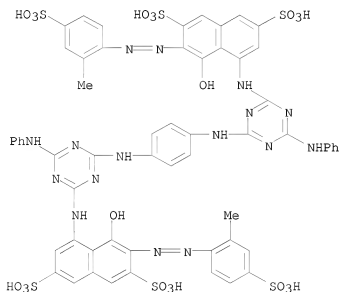
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9916833	A1	19990408	WO 1998-IB1463	19980922
	W: BR, ID, JP, MX, TR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1017744	A1	20000712	EP 1998-941646	19980922
	EP 1017744	B1	20021204		
	R: AT, CH, DE, ES, FR, GB, IT, LI, SE, FI				
	BR 9812520	A	20000725	BR 1998-12520	19980922
	TR 200000844	T2	20010321	TR 2000-844	19980922
	JP 2001518545	T	20011016	JP 2000-513910	19980922
	AT 229058	T	20021215	AT 1998-941646	19980922
	ES 2188002	T3	20030616	ES 1998-941646	19980922
	MX 200002927	A	20010306	MX 2000-2927	20000324
	US 6365719	B1	20020402	US 2000-509575	20000327
PRAI	GB 1997-20507	A	19970927		
	GB 1997-20508	A	19970927		
	GB 1997-25758	A	19971205		
	WO 1998-IB1463	W	19980922		
OS	MARPAT 130:283356				
IT	222730-31-6P	222730-54-3P	222730-85-0P		
	222731-02-4P	222731-21-7P	222731-39-7P		
	222731-53-5P	222731-75-1P	222731-77-3P		
	222731-79-5P	222732-12-9P			
	RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)				
	(dye; production of bridged azo direct dyes for paper and ink)				
RN	222730-31-6	CAPLUS			
CN	2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino)]bis[5-hydroxy-6-[(4-methyl-2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)				





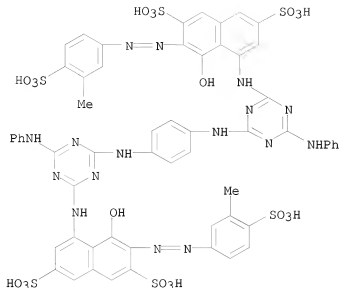
RN 222730-54-3 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino)]bis[5-hydroxy-6-[(2-methyl-4-sulfofenyl)azo]- (9CI) (CA INDEX NAME)



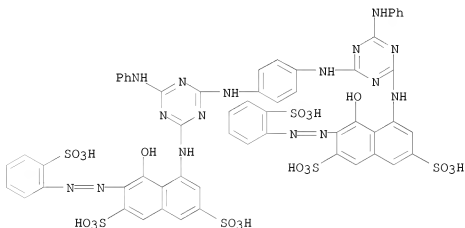
RN 222730-85-0 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino)]bis[5-hydroxy-6-[(3-methyl-4-sulfofenyl)azo]- (9CI) (CA INDEX NAME)



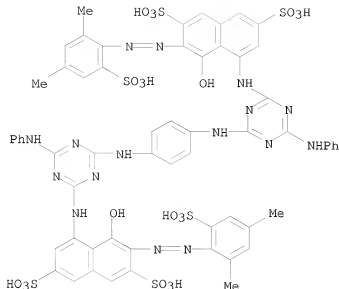
RN 222731-02-4 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino)]bis[5-hydroxy-6-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)



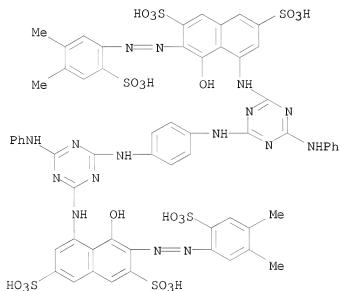
RN 222731-21-7 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino)]bis[6-[(2,4-dimethyl-6-sulfophenyl)azo]-5-hydroxy]- (9CI) (CA INDEX NAME)



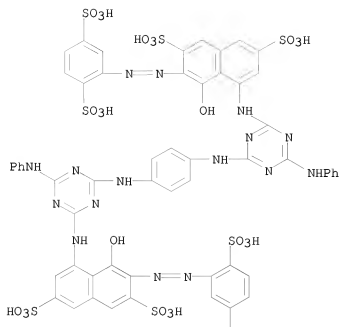
RN 222731-39-7 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino)]bis[6-((4,5-dimethyl-2-sulphophenyl)azo)-5-hydroxy- (9CI) (CA INDEX NAME)



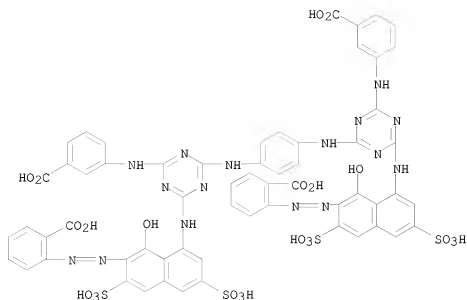
RN 222731-53-5 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino)]bis[6-((2,5-disulphophenyl)azo)-5-hydroxy- (9CI) (CA INDEX NAME)



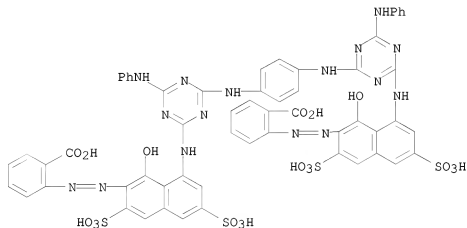
RN 222731-75-1 CAPLUS

CN Benzoic acid, 2,2'-[1,4-phenylenebis[imino[6-[(3-carboxyphenyl)amino]-1,3,5-triazine-4,2-diyl]imino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)



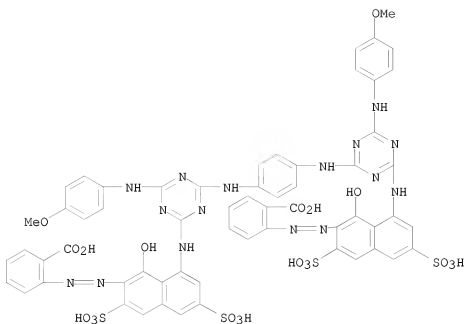
RN 222731-77-3 CAPLUS

CN Benzoic acid, 2,2'-[1,4-phenylenebis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo)]bis- (9CI)  
(CA INDEX NAME)



RN 222731-79-5 CAPLUS

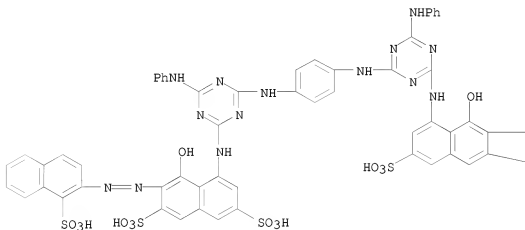
CN Benzoic acid, 2,2'-[1,4-phenylenebis(imino[6-[(4-methoxyphenyl)amino]-1,3,5-triazine-4,2-diyl]imino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo)]bis- (9CI) (CA INDEX NAME)

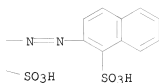


RN 222732-12-9 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-(phenylamino)-1,3,5-triazine-4,2-diyl]imino)]bis[5-hydroxy-6-[(1-sulfo-2-naphthalenyl)azo]- (9CI) (CA INDEX NAME)

PAGE 1-A



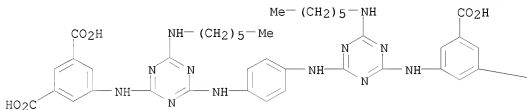


RE.CNT 6      THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 35 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1998:550415 CAPLUS  
 DN 129:177027  
 OREF 129:35947a,35950a  
 TI Bleed reduction agents for ink jet printing inks  
 IN Kenyon, Ronald Wynford; Mistry, Prahalad Manibhai; Lavery, Aidan Joseph  
 PA Zeneca Limited, UK  
 SO PCT Int. Appl., 41 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9834926	A1	19980813	WO 1998-GB121	19980115
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9855696	A	19980826	AU 1998-55696	19980115
	EP 966451	A1	19991229	EP 1998-900607	19980115
	R: CH, DE, FR, GB, LI				
	JP 2001517209	T	20011002	JP 1998-533936	19980115
	US 6254669	B1	20010703	US 1999-355846	19990805
PRAI	GB 1997-2354	A	19970205		
	WO 1998-GB121	W	19980115		
OS	MARPAT 129:177027				
IT	211625-37-5P				
	RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP (Preparation); USES (Uses)				
	(bleed reduction agents for ink jet printing inks)				
RN	211625-37-5 CAPLUS				
CN	1,3-Benzenedicarboxylic acid, 5,5'-[1,4-phenylenebis(imino[6-(hexylamino)-1,3,5-triazine-4,2-diyl]imino)]bis- (9CI) (CA INDEX NAME)				

PAGE 1-A





10/580,237

PAGE 1-B

CO<sub>2</sub>H

RE.CNT 2      THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 36 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1998:154319 CAPLUS

DN 128:205907

OREF 128:40717a,40720a

TI Studies on new reactive dyes having two vinyl sulfone groups. Part I: synthesis and application properties

AU Jiang, Limin; Zhu, Zhenghua

CS Research Institute of Fine Chemicals, East China University of Science and Technology, Shanghai, 200237, Peop. Rep. China

SO Dyes and Pigments (1998), 36(4), 347-354

CODEN: DYPIDX; ISSN: 0143-7208

PB Elsevier Science Ltd.

DT Journal

LA English

IT 204119-15-3P 204119-16-4P 204119-17-5P

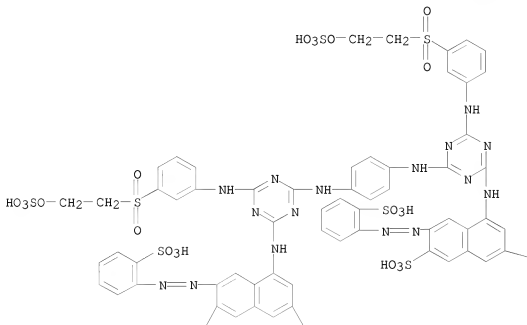
RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(dye; preparation and use of reactive disazo dyes having two vinyl sulfone groups)

RN 204119-15-3 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-[[3-[[2-(sulfooxy)ethyl)sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diy]imino]]bis[6-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)

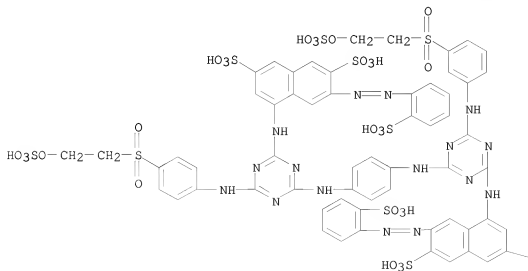
PAGE 1-A



SO<sub>3</sub>HHO<sub>3</sub>SSO<sub>3</sub>H

RN 204119-16-4 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 3-[[4-[[4-[[4-[[3,6-disulfo-7-[(2-sulfoxyethyl)sulfonyl]phenyl]amino]-6-[[3-[[2-(sulfoxy)ethyl)sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-6-[[4-[[2-(sulfoxy)ethyl)sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-5-[(2-sulfoxyethyl)sulfonyl]phenyl]amino]- (9CI) (CA INDEX NAME)

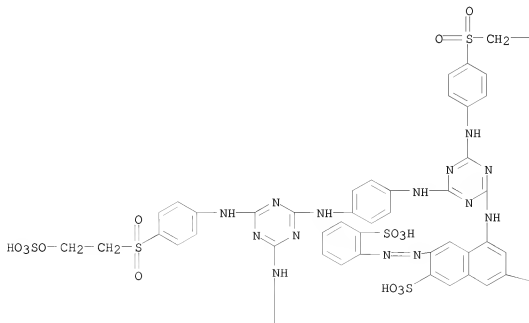


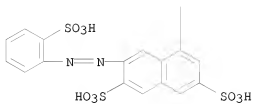
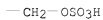
—SO<sub>3</sub>H

RN 204119-17-5 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[6-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)

PAGE 1-A





RE.CNT 3      THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 37 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1996:171898 CAPLUS

DN 124:204938

OREF 124:37853a,37856a

TI Anionic acid azo direct dyes, their preparation, their mixtures, and their use

IN Lauk, Urs

PA Ciba-Geigy A.-G., Switz.

SO Eur. Pat. Appl., 71 pp.

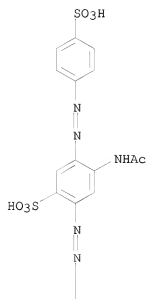
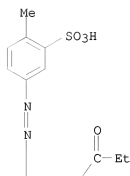
CODEN: EPXXDW

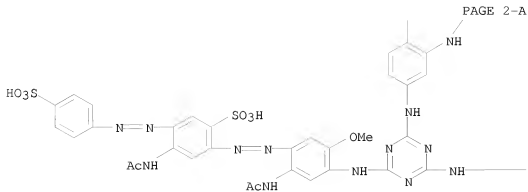
DT Patent

LA German

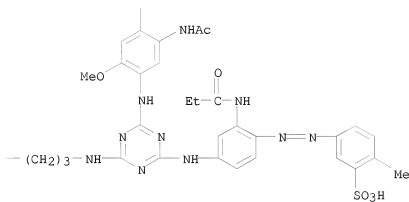
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 693538	A2	19960124	EP 1995-810387	19950612
	EP 693538	A3	19960605		
	EP 693538	B1	20010822		
	R: BE, CH, DE, ES, FR, GB, GR, IT, LI, PT				
	US 5631352	A	19970520	US 1995-460174	19950602
	ES 2161847	T3	20011216	ES 1995-810387	19950612
	PT 693538	T	20020130	PT 1995-810387	19950612
	JP 08003469	A	19960109	JP 1995-146285	19950613
	JP 3970946	B2	20070905		
	CN 1133323	A	19961016	CN 1995-107363	19950619
	CN 1066178	B	20010523		
	BR 9502861	A	19960604	BR 1995-2861	19950620
	GR 3036651	T3	20011231	GR 2001-401509	20010918
PRAI	CH 1994-1952	A	19940620		
OS	MARPAT 124:204938				
IT	174571-82-5 174571-85-8 174571-91-6				
	174571-97-2 174571-99-4				
	RL: TEM (Technical or engineered material use); USES (Uses)				
	(anionic acid azo direct dye mixts. for dyeing of cellulose)				
RN	174571-82-5 CAPLUS				
CN	Benzenesulfonic acid, 4-(acetylamino)-2-[[2-(acetylamino)-4-[[4-[(3-aminopropyl)amino]-6-[[4-[(4-methyl-3-sulfophenyl)azo]-3-[(1-oxopropyl)amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]-5-methoxyphenyl]azo]-5-[[4-sulfophenyl]azo]-, mixt. with 2,2'-(1,3-propanediyl)bis[imino[6-[[4-[(4-methyl-3-sulfophenyl)azo]-3-[(1-oxopropyl)amino]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino[2-(acetylamino)-5-methoxy-4,1-phenylene]azo]]bis[4-(acetylamino)-5-[(4-sulfophenyl)azo]benzenesulfonic acid] (9CI) (CA INDEX NAME)				
CM	1				
CRN	174571-81-4				
CMF	C87 H86 N30 O26 S6				





PAGE 2-B

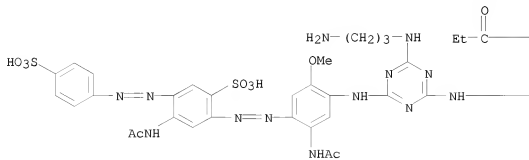


CM 2

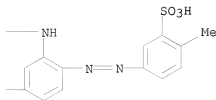
CRN 174571-80-3

CMF C45 H48 N16 O13 S3

PAGE 1-A







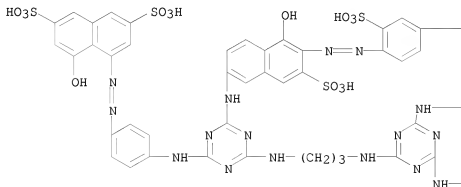
RN 174571-85-8 CAPLUS

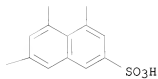
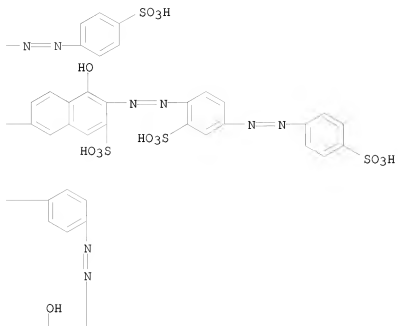
CN 2,7-Naphthalenedisulfonic acid, 4-[[4-[[4-[(3-aminopropyl)amino]-6-[[5-hydroxy-7-sulfo-6-[[2-sulfo-4-[(4-sulphophenyl)azo]phenyl]azo]-2-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]azo]-5-hydroxy-, mixt. with 4,4'-[1,3-propanediyl]bis[imino[6-[[5-hydroxy-7-sulfo-6-[[2-sulfo-4-[(4-sulphophenyl)azo]phenyl]azo]-2-naphthalenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenyleneazo]]bis[5-hydroxy-2,7-naphthalenedisulfonic acid] (9CI) (CA INDEX NAME)

CM 1

CRN 174571-84-7

CMF C85 H64 N24 O34 S10

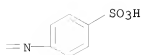
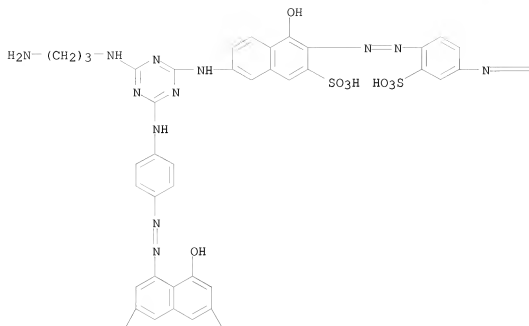




CM 2

CRN 174571-83-6

CMF C44 H37 N13 O17 S5

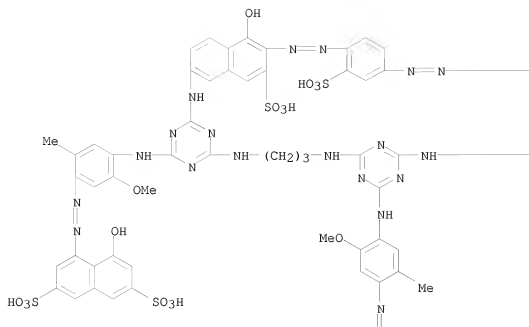


RN 174571-91-6 CAPLUS  
 CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,3-propanediylbis[imino[6-[[5-hydroxy-7-sulfo-6-[[2-sulfo-4-[(4-sulfonylphenyl)azo]phenyl]azo]-2-naphthalenyl]amino]-1,3,5-triazine-4,2-diyl]imino[5-methoxy-2-methyl-4,1-phenylene)azo]]bis[5-hydroxy-, mixt. with 4-[[4-[[4-[(3-aminopropyl)amino]-6-[[5-hydroxy-7-sulfo-6-[[2-sulfo-4-[(4-sulfonylphenyl)azo]phenyl]azo]-2-naphthalenyl]amino]-1,3,5-triazine-2-yl]amino]-5-methoxy-2-methylphenyl]azo]-5-hydroxy-2,7-naphthalenedisulfonic acid (9CI) (CA INDEX NAME)

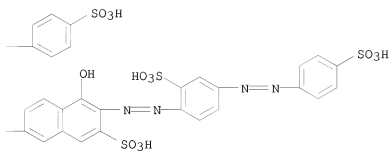
CM 1

CRN 174571-90-5  
 CME C89 H72 N24 O36 S10

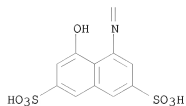
PAGE 1-A



PAGE 1-B



PAGE 2-A



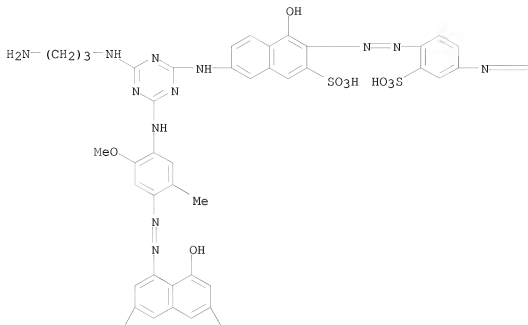
CM 2

CRN 174571-89-2

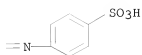
10/580,237

CMF C46 H41 N13 O18 S5

PAGE 1-A



PAGE 1-B



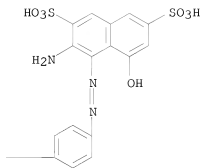
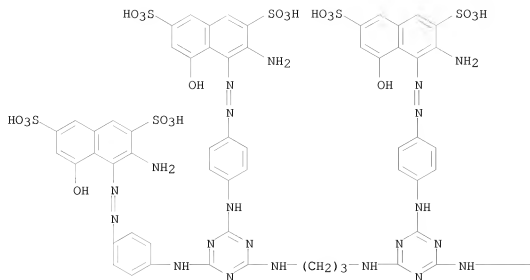
PAGE 2-A



RN 174571-97-2 CAPLUS  
 CN 2,7-Naphthalenedisulfonic acid, 4,4',4'',4'''-[1,3-propanediylbis(imino-1,3,5-triazine-6,2,4-triylbis(imino-4,1-phenyleneazo))]]tetrakis[3-amino-5-hydroxy-, mixt. with 4,4'-[[6-[(3-aminopropyl)amino]-1,3,5-triazine-2,4-diyl]bis(imino-4,1-phenyleneazo)]bis[3-amino-5-hydroxy-2,7-naphthalenedisulfonic acid] (9CI) (CA INDEX NAME)

CM 1

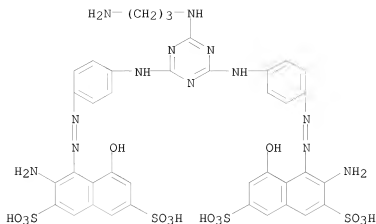
CRN 174571-96-1  
 CMF C73 H60 N24 O28 S8



CM 2

CRN 174571-95-0

CMF C38 H35 N13 O14 S4



RN 174571-99-4 CAPLUS

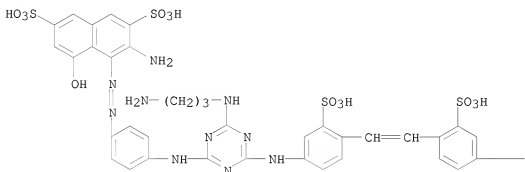
CN 2,7-Naphthalenedisulfonic acid, 4,4',4'',4'''-[1,3-propanediylbis(imino-1,3,5-triazine-6,2,4-triylbis(imino-4,1-phenyleneazo))tetrakis[3-amino-5-hydroxy-, mixt. with 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)imino[6-[(3-aminopropyl)amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenyleneazo]]bis[3-amino-5-hydroxy-2,7-naphthalenedisulfonic acid] (9CI) (CA INDEX NAME)

CM 1

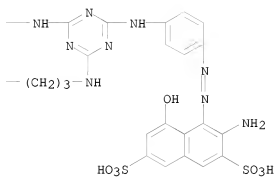
CRN 174571-98-3

CMF C58 H56 N20 O20 S6

PAGE 1-A



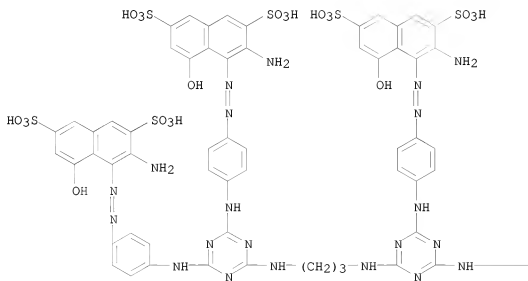
H2N—



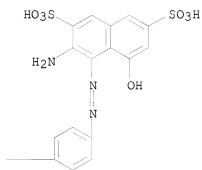
CM 2

CRN 174571-96-1

CMF C73 H60 N24 O28 S8







L4 ANSWER 38 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1995:693131 CAPLUS  
 DN 123:59128  
 OREF 123:10583a,10586a  
 TI Disazo dyes suitable for use in ink jet printing  
 IN Gregory, Peter; Kenyon, Ronald W.  
 PA Zeneca Ltd., UK  
 SO U.S., 15 pp. Cont.-in-part of U.S. 5,268,459.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5374301	A	19941220	US 1992-983170	19921130
	US 5268459	A	19931207	US 1991-723323	19910628
	US 5268459	B1	19950509	US 1994-90003572	19940916
PRAI	GB 1990-16448	A	19900726		
	US 1991-723323	A2	19910628		
	GB 1992-17963	A	19920924		

OS MARPAT 123:59128

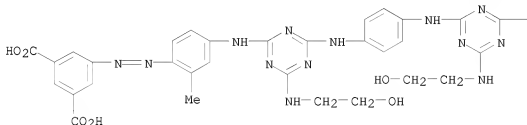
IT 165178-57-4P 165178-60-9P

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
 (manufactured disazo dyes suitable for use in ink jet printing)

RN 165178-57-4 CAPLUS

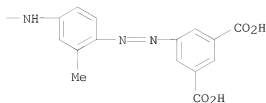
CN 1,3-Benzenedicarboxylic acid, 5,5'-[1,4-phenylenebis(imino[6-[(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino(2-methyl-4,1-phenylene)azo]]bis-, ammonium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● x NH<sub>3</sub>

PAGE 1-B

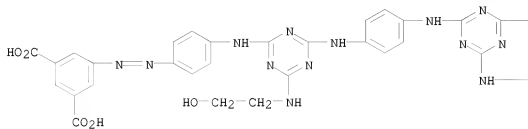


10/580,237

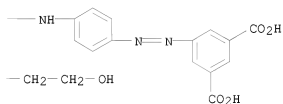
RN 165178-60-9 CAPLUS

CN 1,3-Benzenedicarboxylic acid, 5,5'-[1,4-phenylenebis[imino[6-[(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenyleneazo]]bis-, ammonium salt (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L4 ANSWER 39 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1995:636369 CAPLUS

DN 123:290013

OREF 123:51885a,51888a

TI Magenta ink solutions containing azo dyes with good light and water resistance

IN Sato, Nobuyoshi; Hirasa, Takashi; Murata, Jukichi

PA Mitsubishi Kagaku KK, Japan; Mitsubishi Chemical Corp.

SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07090212	A	19950404	JP 1994-178355	19940729
	JP 3486966	B2	20040113		
PRAI	JP 1994-178355	A	19940729		
	JP 1993-190045		19930730		

OS MARPAT 123:290013

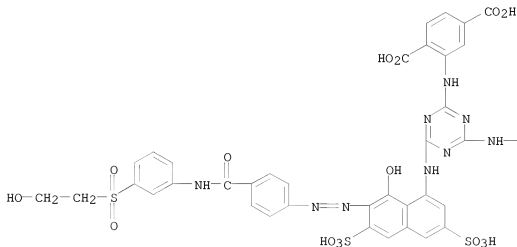
IT 169754-45-4

RL: TEM (Technical or engineered material use); USES (Uses)  
 (magenta ink solns. containing azo dyes with good light and water resistance)

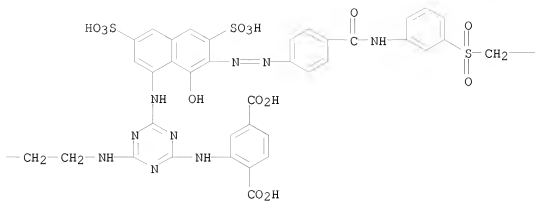
RN 169754-45-4 CAPLUS

CN 1,4-Benzenedicarboxylic acid, 2,2'-[1,2-ethanediybis[imino[6-[[8-hydroxy-7-[[4-[[[3-[(2-hydroxyethyl)sulfonyl]phenyl]amino]carbonyl]phenyl]azo]-3,6-disulfo-1-naphthalenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



PAGE 1-C



● 4 Na

L4 ANSWER 40 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1995:246586 CAPLUS

DN 122:58172

OREF 122:11221a,11224a

TI Disazo colorants and inks containing them

IN Kenyon, Ronald Wynford; Mistry, Prahalad Manibhai

PA Zeneca Ltd., UK

SO PCT Int. Appl., 23 pp.

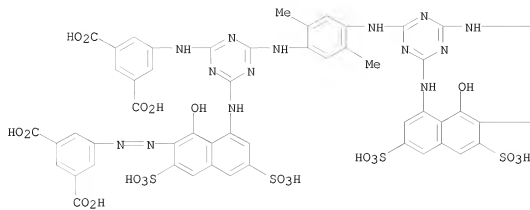
CODEN: PIXXD2

DT Patent

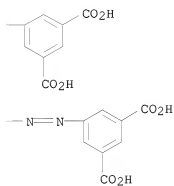
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9416021	A1	19940721	WO 1993-GB2585	19931217
	W: AU, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9457068	A	19940815	AU 1994-57068	19931217
	AU 673880	B2	19961128		
	EP 679173	A1	19951102	EP 1994-902895	19931217
	EP 679173	B1	19971203		
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, PT, SE				
	JP 08505889	T	19960625	JP 1994-515774	19931217
	JP 3628325	B2	20050309		
	AT 160805	T	19971215	AT 1994-902895	19931217
	IN 189372	A1	20030215	IN 1993-DE1426	19931217
	US 5473053	A	19951205	US 1994-178869	19940107
	US 5616694	A	19970401	US 1995-495418	19950712
	IN 2005DE03389	A	20071207	IN 2005-DE3389	20051216
PRAI	GB 1993-438	A	19930112		
	GB 1993-7478	A	19930408		
	IN 2001-DE1231	A3	19931217		
	WO 1993-GB2585	W	19931217		
OS	MARPAT 122:58172				
IT	159637-50-0P				
	RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)				
	(magenta disazo dyes for jet-printing inks)				
RN	159637-50-0 CAPLUS				
CN	1,3-Benzenedicarboxylic acid, 5,5'-[(2,5-dimethyl-1,4-phenylene)bis[imino[6-[(3,5-dicarboxyphenyl)amino]-1,3,5-triazine-4,2-diyl]imino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis-, dodecaammonium salt (9CI) (CA INDEX NAME)				



● 12 NH<sub>3</sub>



L4 ANSWER 41 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1994:166795 CAPLUS

DN 120:166795

OREF 120:29405a,29408a

TI Triazine ring-containing disazo dyes, their preparation and use

IN Pedrazzi, Reinhard

PA Sandoz Ltd., Switz.

SO Brit. UK Pat. Appl., 30 pp.

CODEN: BAXXDU

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2266893	A	19931117	GB 1993-9544	19930510
	GB 2266893	B	19950621		
	CH 684948	A5	19950215	CH 1993-1374	19930504
	DE 4315031	A1	19931125	DE 1993-4315031	19930506
	DE 4315031	B4	20051222		
	FR 2691157	A1	19931119	FR 1993-5682	19930510
	FR 2691157	B1	19970606		
	SE 9301627	A	19931114	SE 1993-1627	19930512
	SE 511889	C2	19991213		
	JP 06157929	A	19940607	JP 1993-110542	19930512
	JP 3902672	B2	20070411		
	US 5498701	A	19960312	US 1994-363672	19941222
PRAI	DE 1992-4215679	A	19920513		
	US 1993-60386	B1	19930511		

OS MARPAT 120:166795

IT 153630-48-9P

RL: IMF (Industrial manufacture); PREP (Preparation)  
 (preparation of, as blue dye for paper)

RN 153630-48-9 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 3,3'-[[6-[[4-[[4,6-bis[(2-aminopropyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazine-2,4-diyl]bis(imino-4,1-phenyleneazo)]bis[5-[[4,6-bis[(2-aminopropyl)amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy- (9CI) (CA INDEX NAME)





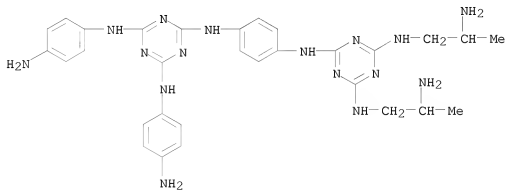
PAGE 2-A



PAGE 2-B



IT	153630-45-6P
	RL: IMF (Industrial manufacture); PREP (Preparation)
	(preparation, tetrazotization and coupling with naphthol derivative)
RN	153630-45-6 CAPLUS
CN	1,3,5-Triazine-2,4,6-triamine, N,N'-bis(4-aminophenyl)-N''-[4-[[4,6-bis[(2-aminopropyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 42 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1993:570436 CAPLUS

DN 119:170436

OREF 119:30305a,30308a

TI Electrophotographic imaging method

IN Hagiwara, Tomoe; Kuramoto, Shinichi; Orihara, Motoi

PA Ricoh Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 16 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

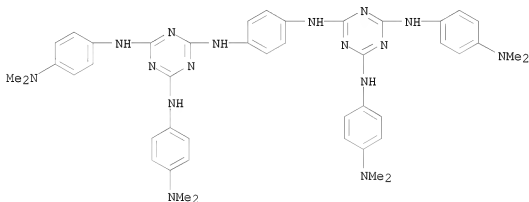
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04295860	A	19921020	JP 1991-84826	19910325
PRAI	JP 1991-84826		19910325		
OS	MARPAT 119:170436				
IT	120748-68-7 120748-71-2				

RL: USES (Uses)

(charge control agent, electrophotog. toner containing)

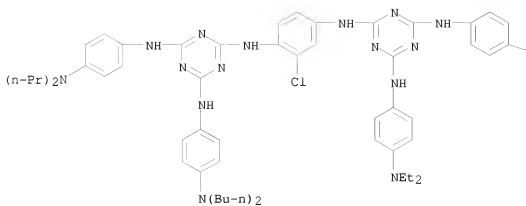
RN 120748-68-7 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-1,4-phenylenebis[N,N'''-bis[4-(dimethylamino)phenyl]- (9CI) (CA INDEX NAME)



RN 120748-71-2 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-[3-chloro-4-[[4-[[4-(dibutylamino)phenyl]amino]-6-[[4-(dipropylamino)phenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]-N'-[4-(diethylamino)phenyl]-N'''-[4-(dimethylamino)phenyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 43 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1992:614599 CAPLUS

DN 117:214599

OREF 117:37063a,37066a

TI Preparation and use of surface-active triazines, especially as pigment dispersants

IN Az, Rainer; Schwab, Wolfgang; Schnaitmann, Dieter; Dietz, Erwin

PA Hoechst A.-G., Germany

SO Eur. Pat. Appl., 26 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 492501	A1	19920701	EP 1991-121937	19911220
	EP 492501	B1	19961120		
	R: CH, DE, DK, ES, FR, GB, IT, LI, NL				
	US 5240499	A	19930831	US 1991-808520	19911213
	JP 04308583	A	19921030	JP 1991-337116	19911219
	JP 3121412	B2	20001225		
	CA 2058274	A1	19920622	CA 1991-2058274	19911220
	ES 2096615	T3	19970316	ES 1991-121937	19911220
PRAI	DE 1990-4041215	A	19901221		
IT	144237-65-0P	144237-66-1P	144237-67-2P		
	144237-68-3P	144237-69-4P	144237-70-7P		
	144253-94-1P				

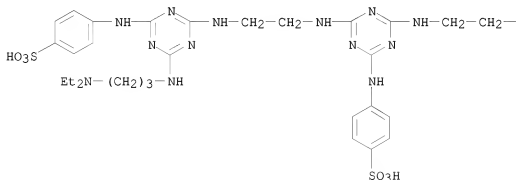
RL: PREP (Preparation)

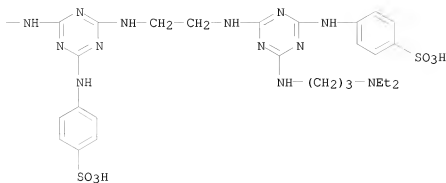
(preparation of surface-active, as pigment dispersant)

RN 144237-65-0 CAPLUS

CN Benzenesulfonic acid, 4,4'-[1,2-ethanediylbis(imino(6-[[2-[[4-[[3-(diethylamino)propyl]amino]-6-[(4-sulfonylphenyl)amino]-1,3,5-triazin-2-yl]amino]ethyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI) (CA INDEX NAME)

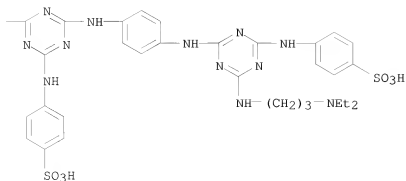
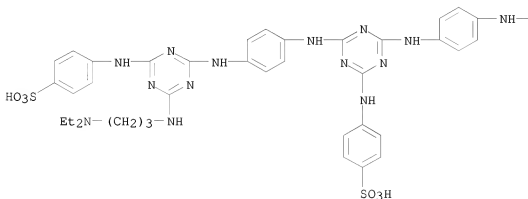
PAGE 1-A





RN 144237-66-1 CAPLUS

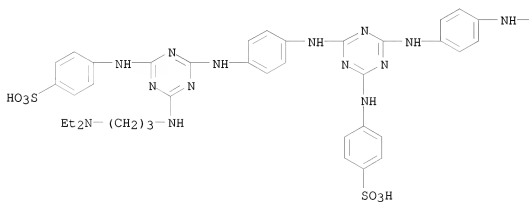
CN Benzenesulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-[[4-[[4-[[3-(diethylamino)propyl]amino]-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI) (CA INDEX NAME)



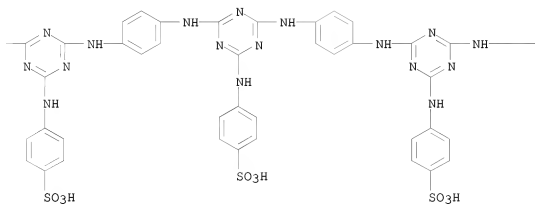
RN 144237-67-2 CAPLUS

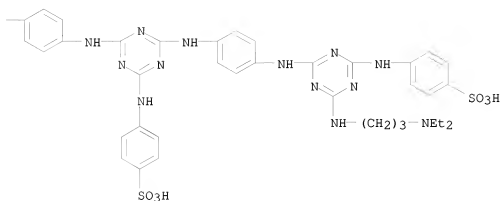
CN Benzenesulfonic acid, 4,4'-[6-[(4-sulfohenyl)amino]-1,3,5-triazine-2,4-diyl]bis[imino-4,1-phenyleneimino]6-[[4-[[4-[[4-[[3-(diethylamino)propyl]amino]-6-[(4-sulfohenyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-6-[(4-sulfohenyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]bis- (9CI) (CA INDEX NAME)

PAGE 1-A

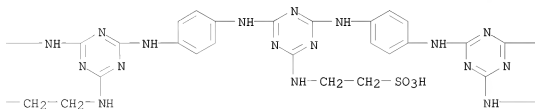
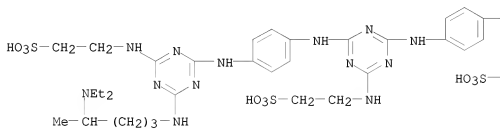


PAGE 1-B



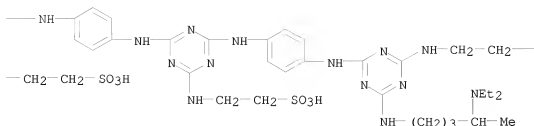


RN 144237-68-3 CAPLUS  
 CN Ethanesulfonic acid, 2,2'-[6-[(2-sulfoethyl)amino]-1,3,5-triazine-2,4-diyl]bis[imino-4,1-phenyleneimino[6-[[4-[[4-[[4-(diethylamino)pentyl]amino]-6-[(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-6-[(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI) (CA INDEX NAME)





PAGE 1-C

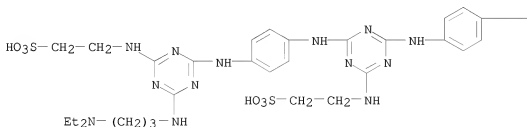


PAGE 1-D

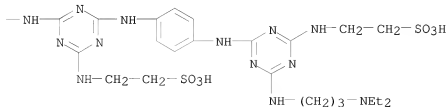
—SO<sub>3</sub>H

RN 144237-69-4 CAPLUS  
 CN Ethanesulfonic acid, 2,2'-[1,4-phenylenebis[imino[6-[[4-[[[3-(diethylamino)propyl]amino]-6-[(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI) (CA INDEX NAME)

PAGE 1-A



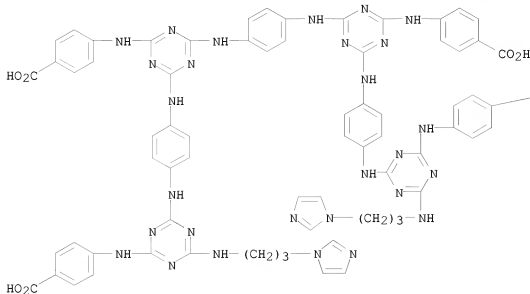
PAGE 1-B



RN 144237-70-7 CAPLUS  
 CN Benzoic acid, 4,4'-[1,4-phenylenebis[imino[6-[[4-[[[4-(carboxyphenyl)amino]-6-[[3-(1H-imidazol-1-yl)propyl]amino]-1,3,5-triazin-2-

yl]amino]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI) (CA  
INDEX NAME)

PAGE 1-A

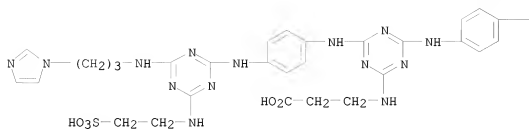


PAGE 1-B

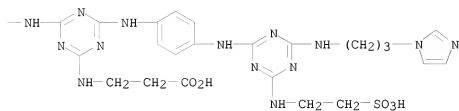
 $\text{CO}_2\text{H}$ 

RN 144253-94-1 CAPLUS  
 CN  $\beta$ -Alanine, N,N'-[1,4-phenylenebis(imino[6-[[4-[[4-[3-(1H-imidazol-1-yl)propyl]amino]-6-(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]amino)-1,3,5-triazine-4,2-diyl]]bis- (9CI) (CA INDEX NAME)

PAGE 1-A



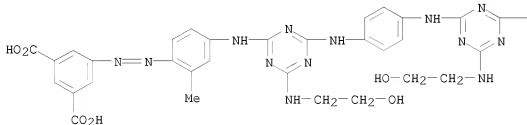
PAGE 1-B

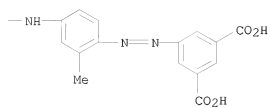


L4 ANSWER 44 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1992:196216 CAPLUS  
 DN 116:196216  
 OREF 116:33255a,33258a  
 TI Anionic disazo compounds for use in jet-printing inks  
 IN Gregory, Peter; Kenyon, Ronald Wynford  
 PA Imperial Chemical Industries PLC, UK  
 SO Eur. Pat. Appl., 20 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 468647	A1	19920129	EP 1991-305940	19910701
	EP 468647	B1	19960313		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	AT 135390	T	19960315	AT 1991-305940	19910701
	ES 2084111	T3	19960501	ES 1991-305940	19910701
	AU 9180175	A	19920813	AU 1991-80175	19910704
	AU 641782	B2	19930930		
	IN 187000	A1	20011222	IN 1991-DE598	19910704
	KR 153007	B1	19981102	KR 1991-12227	19910718
	JP 04233975	A	19920821	JP 1991-179100	19910719
	JP 3020658	B2	20000315		
PRAI	GB 1990-16448	A	19900726		
OS	MARPAT 116:196216				
IT	140668-32-2P				
RL:	IMF (Industrial manufacture); PREP (Preparation) (preparation of, as yellow dye for jet-printing ink)				
RN	140668-32-2 CAPLUS				
CN	1,3-Benzenedicarboxylic acid, 5,5'-[1,4-phenylenebis(imino[6-[(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino(2-methyl-4,1-phenylene)azo]]bis-, tetraammonium salt (9CI) (CA INDEX NAME)				

PAGE 1-A





L4 ANSWER 45 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1990:236897 CAPLUS  
 DN 112:236897  
 OREF 112:39963a,39966a  
 TI Anionic azo dyes for jet-printing inks  
 IN Greenwood, David; Hughes, Nigel; Hindagolla, Suraj Lakshman  
 PA Imperial Chemical Industries PLC, UK  
 SO Eur. Pat. Appl., 17 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 348050	A1	19891227	EP 1989-305471	19890531
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, NL, SE				
	JP 02041369	A	19900209	JP 1989-155968	19890620
PRAI	GB 1988-14637	A	19880620		

OS MARPAT 112:236897

IT 127337-50-2P

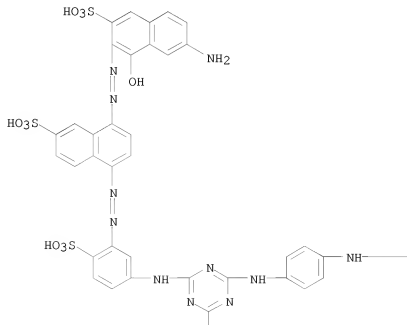
RL: PREP (Preparation)

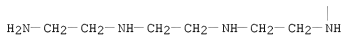
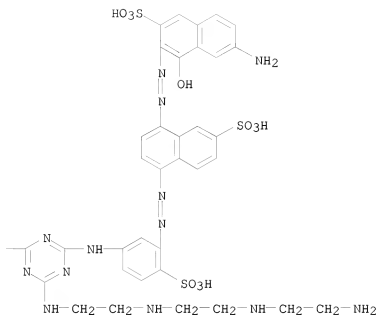
(manufacture of, as black dye for water-resistant jet-printing inks)

RN 127337-50-2 CAPLUS

CN 2-Naphthalenesulfonic acid, 5,5'-[1,4-phenylenebis(imino[6-[[2-[(2-aminoethyl)amino]ethyl]amino]ethyl]amino)-1,3,5-triazine-4,2-diyl]imino(6-sulfo-3,1-phenylene)azo]bis[8-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]- (9CI) (CA INDEX NAME)

PAGE 1-A





L4 ANSWER 46 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1990:100670 CAPLUS

DN 112:100670

OREF 112:17111a,17114a

TI Reactive dyes for cellulosic fibers

IN Tzikas, Athanassios

PA Ciba-Geigy A.-G., Switz.

SO Eur. Pat. Appl., 99 pp.

CODEN: EPXXDW

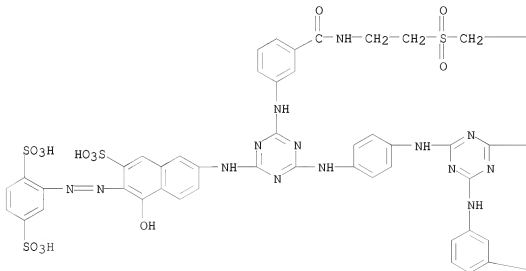
DT Patent

LA German

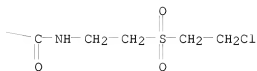
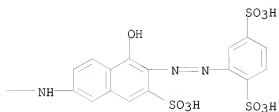
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 333653	A2	19890920	EP 1989-810172	19890307
	EP 333653	A3	19900509		
	EP 333653	B1	19940608		
	R: BE, CH, DE, ES, FR, GB, IT, LI				
	ES 2055151	T3	19940816	ES 1989-810172	19890307
	US 4963659	A	19901016	US 1989-323455	19890314
	BR 8901209	A	19891031	BR 1989-1209	19890316
	JP 01278571	A	19891108	JP 1989-62342	19890316
PRAI	CH 1988-999	A	19880316		
IT	125555-90-0P 125555-91-1P 125555-92-2P				
	RL: PREP (Preparation)				
	(manufacture of, as reactive orange dye for cellulosic fibers)				
RN	125555-90-0	CAPLUS			
CN	1,4-Benzenedisulfonic acid, 2,2'-[1,4-phenylenebis(imino[6-[[[3-[[[2-(2-chloroethyl)sulfonyl]ethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino](1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]bis- (9CI) (CA INDEX NAME)				

PAGE 1-A

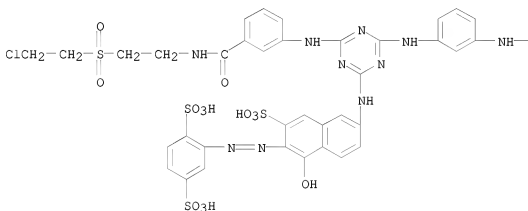


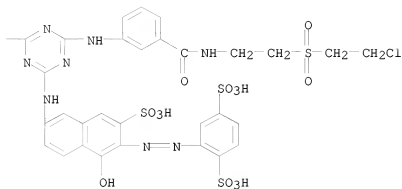


—CH<sub>2</sub>Cl

RN 125555-91-1 CAPLUS

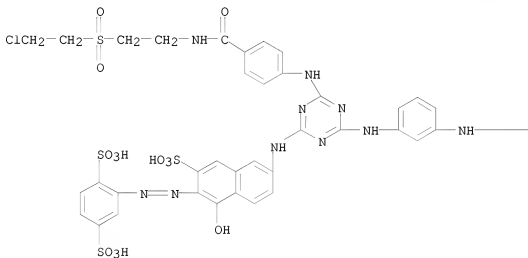
CN 1,4-Benzenedisulfonic acid, 2,2'-[1,3-phenylenebis[imino[6-[[[3-[[[2-(2-chloroethyl)sulfonyl]ethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)

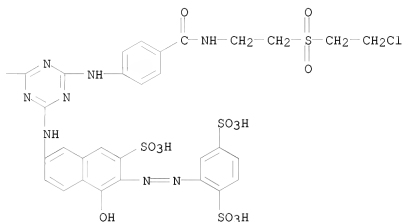




RN 125555-92-2 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2,2'-[1,3-phenylenebis[imino[6-[[4-[[[2-[(2-chloroethyl)sulfonyl]ethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)





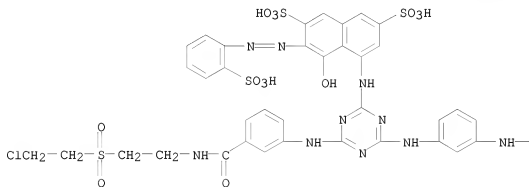
IT 125555-86-4P 125582-72-1P

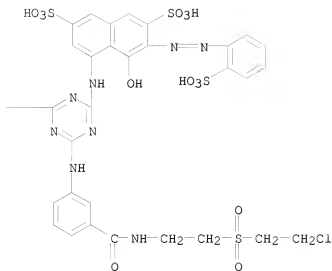
RL: PREP (Preparation)

(manufacture of, as reactive red dye for cellulosic fibers)

RN 125555-86-4 CAPLUS

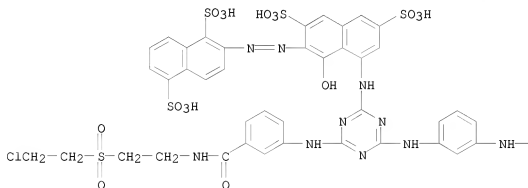
CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,3-phenylenebis[imino[6-[[3-[[[2-[(2-chloroethyl)sulfonyl]ethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-hydroxy-6-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)

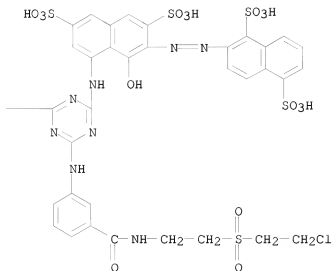




RN 125582-72-1 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 2,2'-[1,3-phenylenebis[imino[6-[[3-[[[2-[(2-chloroethyl)sulfonyl]ethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis- (9CI)  
(CA INDEX NAME)





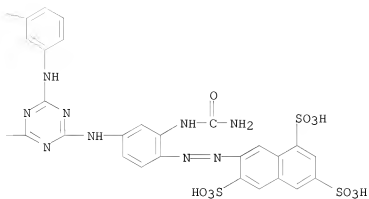
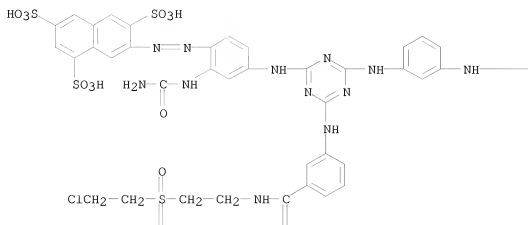
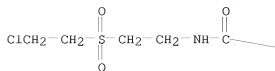
IT 125555-88-6P 125555-89-7P 125582-73-2P  
125582-74-3P 125582-75-4P 125608-30-2P

RL: PREP (Preparation)

(manufacture of, as reactive yellow dye for cellulosic fibers)

RN 125555-88-6 CAPLUS

CN 1,3,6-Naphthalenetrisulfonic acid, 7,7'-[1,3-phenylenebis(imino[6-[[3-[[2-  
[[2-chloroethyl)sulfonyl]ethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazine-  
4,2-diyl]imino[2-[(aminocarbonyl)amino]-4,1-phenylene]azo]]bis- (9CI) (CA  
INDEX NAME)

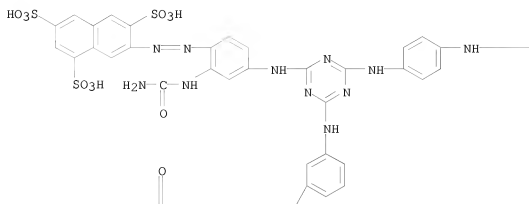
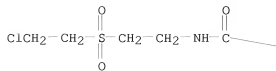


RN 125555-89-7 CAPLUS

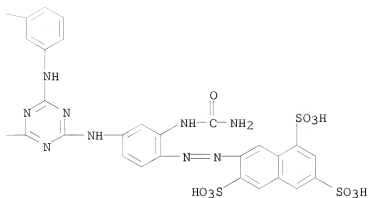
CN 1,3,6-Naphthalenetrisulfonic acid, 7,7'-[1,4-phenylenebis(imino[6-[[3-[[[2-[(2-chloroethyl)sulfonyl]ethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino[2-[(aminocarbonyl)amino]-4,1-phenylene]azo]]bis- (9CI) (CA

INDEX NAME)

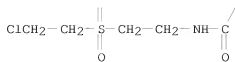
PAGE 1-A



PAGE 1-B



PAGE 2-A

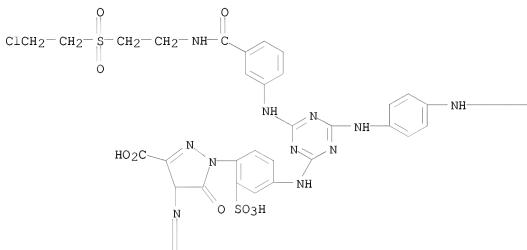


10/580,237

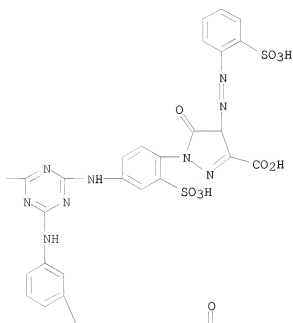
RN 125582-73-2 CAPLUS

1H-Pyrazole-3-carboxylic acid, 1,1'-[4,4-phenylenebis(imino[6-[[3-[[[2-[(2-chloroethyl)sulfonyl]ethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-sulfo-4,1-phenylene))]bis[4,5-dihydro-5-oxo-4-[(2-sulfonylphenyl)azo]-9CI) (CA INDEX NAME)

PAGE 1-A

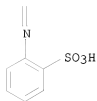


PAGE 1-B

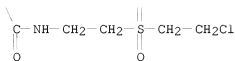




PAGE 2-A



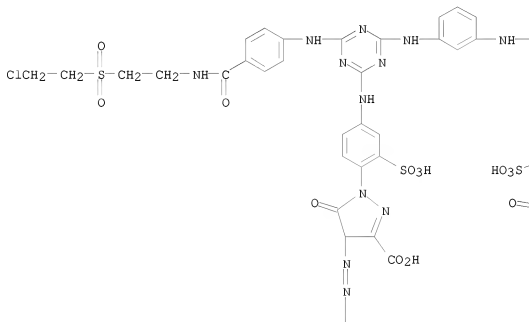
PAGE 2-B



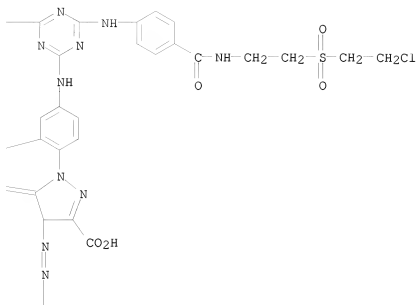
RN 125582-74-3 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1,1'-[1,3-phenylenebis(imino[6-[[4-[[[2-[(2-chloroethyl)sulfonyl]ethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-sulfo-4,1-phenylene)]]bis[4,5-dihydro-5-oxo-4-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



PAGE 2-A



PAGE 2-B



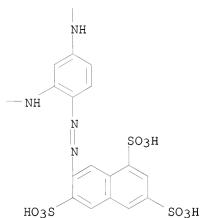
RN 125582-75-4 CAPLUS  
 CN 1,3,6-Naphthalenetrisulfonic acid, 7,7'-[1,3-phenylenebis(imino[6-[[4-[[[2-  
 [(2-chloroethyl)sulfonyl]ethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazine-  
 4,2-diyl]imino[2-[(aminocarbonyl)amino]-4,1-phenylene]azo]]bis- (9CI) (CA  
 INDEX NAME)



PAGE 2-A

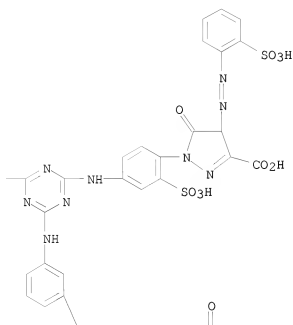
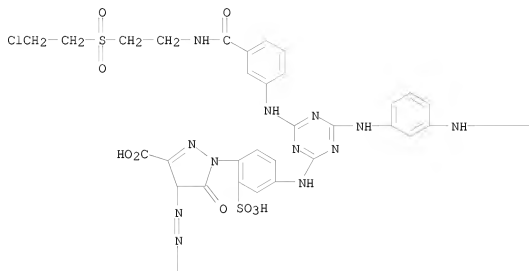


PAGE 2-B



RN 125608-30-2 CAPLUS

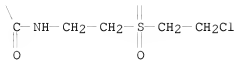
CN 1H-Pyrazole-3-carboxylic acid, 1,1'-[1,3-phenylenebis[imino[6-[[[3-[[[2-[(2-chloroethyl)sulfonyl]ethyl]amino]carbonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-sulfo-4,1-phenylene)]]]bis[4,5-dihydro-5-oxo-4-[[2-sulfonylphenyl]azo]-9(CI) (CA INDEX NAME)



PAGE 2-A



PAGE 2-B



L4 ANSWER 47 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1990:79688 CAPLUS  
 DN 112:79688  
 OREF 112:13607a,13610a  
 TI Jet-printing inks containing mixtures of bisazo dyes  
 IN Takimoto, Hiroshi; Yoneyama, Tomio; Sano, Hideo  
 PA Mitsubishi Kasei Corp., Japan  
 SO Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01197579	A	19890809	JP 1988-22300	19880202
PRAI	JP 1988-22300		19880202		
OS	MARPAT 112:79688				
IT	125339-55-1	125339-59-5	125339-61-9		

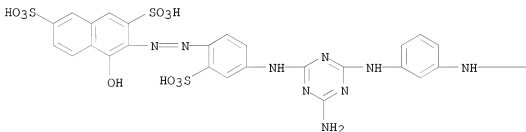
RL: USES (Uses)

(dyes, jet-printing inks containing, aqueous, stable)

RN 125339-55-1 CAPLUS

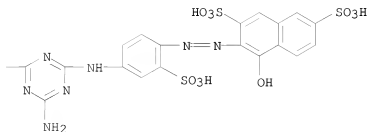
CN 2,7-Naphthalenedisulfonic acid, 3,3'-[1,3-phenylenebis[imino(6-amino-1,3,5-triazine-4,2-diyl)imino(2-sulfo-4,1-phenylene)azo]]bis[4-hydroxy-, hexasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 6 Na

PAGE 1-B

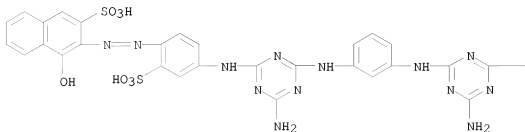


RN 125339-59-5 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 3-[[[4-[[[4-amino-6-[[[3-[[[4-amino-6-[[[4-[[[1-hydroxy-3-sulfo-2-naphthalenyl]azo]-3-sulfo-4-phenyl]amino]-1,3,5-triazin-2-

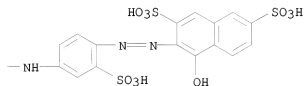
yl]amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-4-hydroxy-, pentasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●5 Na

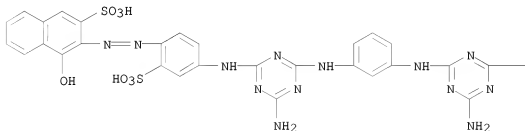
PAGE 1-B



RN 125339-61-9 CAPLUS

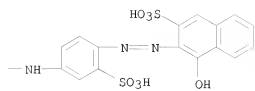
CN 2-Naphthalenesulfonic acid, 3,3'-[1,3-phenylenebis(imino(6-amino-1,3,5-triazine-4,2-diyl)imino(2-sulfo-4,1-phenylene)azo)]bis[4-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●4 Na





L4 ANSWER 48 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1990:58477 CAPLUS

DN 112:58477

OREF 112:10037a,10040a

TI Jet-printing inks containing bisazo dyes

IN Takimoto, Hiroshi; Yoneyama, Tomio; Sano, Hideo

PA Mitsubishi Kasei Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01197577	A	19890809	JP 1988-21016	19880130
	JP 2565530	B2	19961218		
PRAI	JP 1988-21016		19880130		
OS	MARPAT 112:58477				
IT	125091-84-1P				

RL: PREP (Preparation)

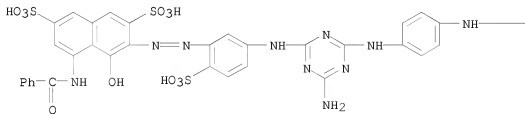
(preparation of, inks containing, light- and water-resistant, storage-stable,

water-thinned, magenta, for jet-printing)

RN 125091-84-1 CAPLUS

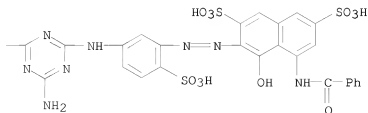
CN 2,7-Naphthalenedisulfonic acid, 3,3'-[1,4-phenylenebis(imino(6-amino-1,3,5-triazine-4,2-diyl)imino(6-sulfo-3,1-phenylene)azo)]bis[5-(benzoylamino)-4-hydroxy-, hexasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



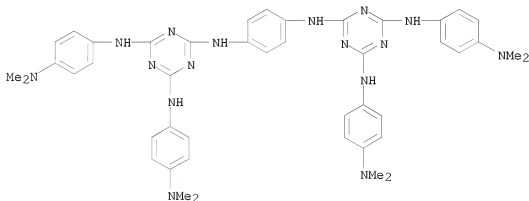
● 6 Na

PAGE 1-B



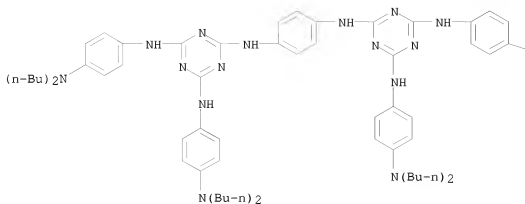
L4 ANSWER 49 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1989:222538 CAPLUS  
 DN 110:222538  
 OREF 110:36767a,36770a  
 TI Electrophotographic toner  
 IN Fujimoto, Masaki; Niimoto, Haruki; Kawahara, Kenichi  
 PA Nippon Kayaku Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 9 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63216062	A	19880908	JP 1987-48699	19870305
	JP 07109526	B	19951122		
PRAI	JP 1987-48699		19870305		
IT	120748-68-7	120748-69-8	120748-70-1		
	120748-71-2	120748-72-3	120748-80-3		
	120748-82-5	120772-47-6	120772-48-7		
	120772-49-8				
RL:	USES (Uses)				
	(electrophotog. pos. charge-control agent)				
RN	120748-68-7 CAPLUS				
CN	1,3,5-Triazine-2,4,6-triamine, N,N'''-1,4-phenylenebis[N',N'''-bis[4-(dimethylamino)phenyl]- (9CI) (CA INDEX NAME)				



RN 120748-69-8 CAPLUS  
 CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-1,4-phenylenebis[N',N'''-bis[4-(dibutylamino)phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

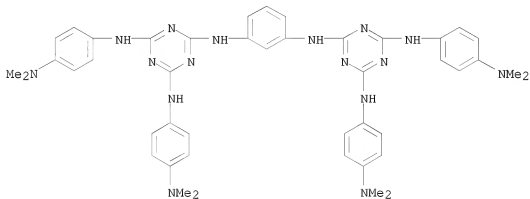


PAGE 1-B

N(Bu-n)<sub>2</sub>

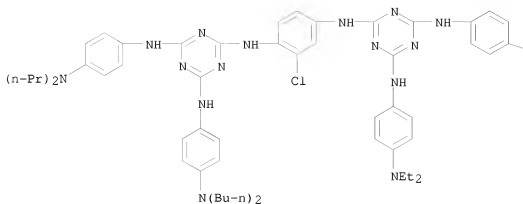
RN 120748-70-1 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-1,3-phenylenebis[N',N'''-bis[4-(dimethylamino)phenyl]- (9CI) (CA INDEX NAME)



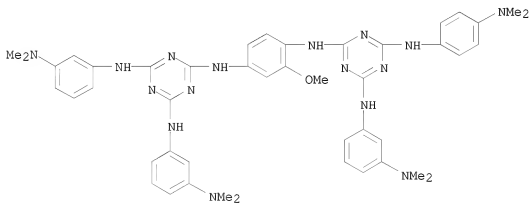
RN 120748-71-2 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-[3-chloro-4-[[4-[[4-(dibutylamino)phenyl]amino]-6-[[4-(dipropylamino)phenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]-N'-[4-(diethylamino)phenyl]-N'''-[4-(dimethylamino)phenyl]- (9CI) (CA INDEX NAME)

NMe<sub>2</sub>

RN 120748-72-3 CAPLUS

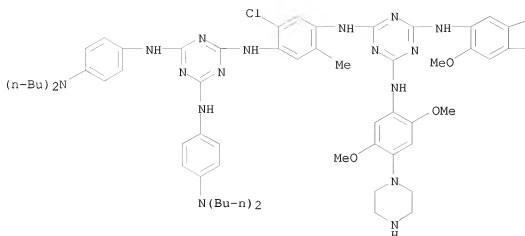
CN 1,3,5-Triazine-2,4,6-triamine, N-[4-[[[4,6-bis[[3-(dimethylamino)phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-methoxyphenyl]-N'-[3-(dimethylamino)phenyl]-N''-[4-(dimethylamino)phenyl]- (9CI) (CA INDEX NAME)



RN 120748-80-3 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-[4-[[[4,6-bis[[4-(dibutylamino)phenyl]amino]-1,3,5-triazin-2-yl]amino]-5-chloro-2-methylphenyl]-N',N''-bis[2,5-dimethoxy-4-(1-piperazinyl)phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

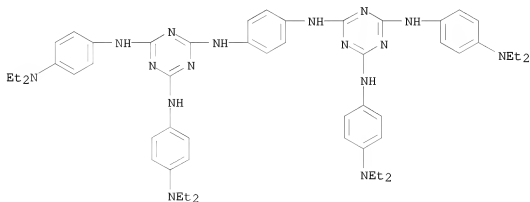


PAGE 1-B



RN 120748-82-5 CAPLUS

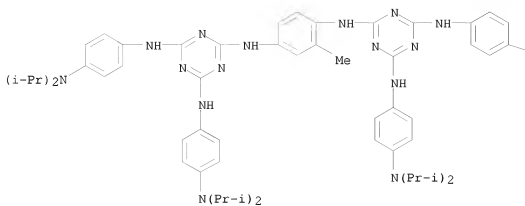
CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-1,4-phenylenebis[N',N''-bis(4-(diethylamino)phenyl)- (9CI) (CA INDEX NAME)



RN 120772-47-6 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-(2-methyl-1,4-phenylene)bis[N',N''-bis[4-(bis(1-methylethyl)amino)phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



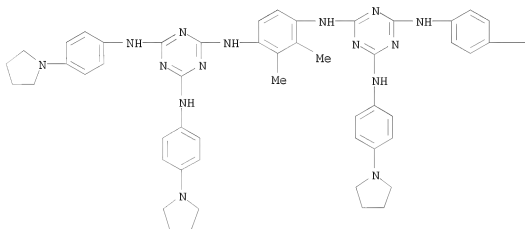
PAGE 1-B

N(Pr-i)<sub>2</sub>

RN 120772-48-7 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-(2,3-dimethyl-1,4-phenylene)bis[N',N''-bis[4-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

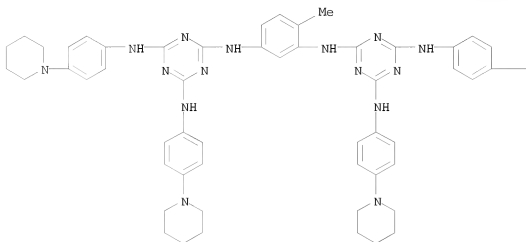


10/580,237

RN 120772-49-8 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-(4-methyl-1,3-phenylene)bis[N',N'''-bis[4-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B





L4 ANSWER 50 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1988:206262 CAPLUS

DN 108:206262

OREF 108:33889a,33892a

TI Water-soluble disazo colorant and dyeing method using the same

IN Hihara, Toshio; Shimizu, Yukiharu; Shimizu, Kanzi

PA Mitsubishi Chemical Industries Co., Ltd., Japan

SO Eur. Pat. Appl., 45 pp.

CODEN: EPXXDW

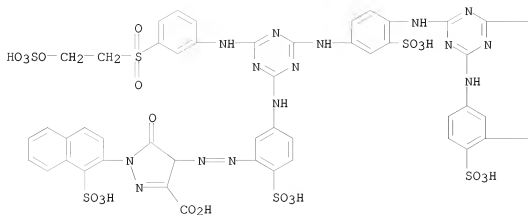
DT Patent

LA English

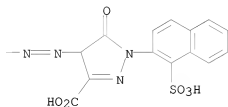
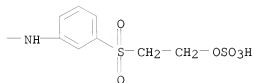
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 252508	A2	19880113	EP 1987-109932	19870709
	EP 252508	A3	19880330		
	EP 252508	B1	19910116		
	R: CH, DE, GB, LI				
	JP 63017969	A	19880125	JP 1986-162556	19860709
	JP 07008958	B	19950201		
	JP 63017970	A	19880125	JP 1986-162557	19860709
	JP 63189468	A	19880805	JP 1987-21804	19870203
	JP 07051679	B	19950605		
	JP 63189469	A	19880805	JP 1987-21805	19870203
	JP 07051680	B	19950605		
	US 4843150	A	19890627	US 1987-71644	19870709
PRAI	JP 1986-162556	A	19860709		
	JP 1986-162557	A	19860709		
	JP 1987-21804	A	19870203		
	JP 1987-21805	A	19870203		
OS	MARPAT 108:206262				
IT	114112-56-0				
	RL: USES (Uses)				
	(manufacture of mixts. containing, as reactive disazo dyes for cellulose or polyester fiber blends)				
RN	114112-56-0 CAPLUS				
CN	1H-Pyrazole-3-carboxylic acid, 4,4'-[(3-sulfo-1,4-phenylene)bis[imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(6-sulfo-3,1-phenylene)azo]]bis[4,5-dihydro-5-oxo-1-(1-sulfo-2-naphthalenyl)- (9CI) (CA INDEX NAME)				

PAGE 1-A



PAGE 1-B



IT 114112-42-4P 114112-44-6P 114112-45-7P  
 114112-48-0P 114112-49-1P 114112-51-5P  
 114112-54-8P 114112-55-9P 114112-59-3P  
 114112-61-7P 114112-63-9P 114112-65-1P  
 114112-68-4P 114137-81-4P 114137-82-5P  
 114137-85-8P

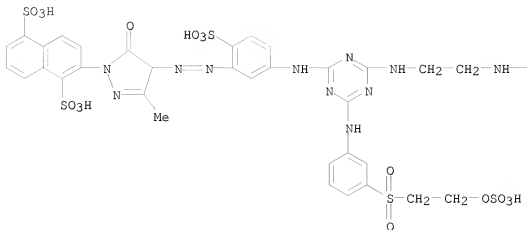
RL: PREP (Preparation)

(manufacture of, as reactive disazo dye for cellulose or polyester fiber blends)

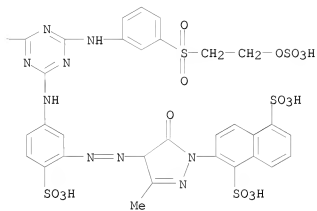
RN 114112-42-4 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 2,2'-[1,2-ethanediylbis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(6-sulfo-3,1-phenylene)azo(4,5-dihydro-3-methyl-5-oxo-1H-pyrazole-4,1-diyl)]bis- (9CI) (CA INDEX NAME)

PAGE 1-A

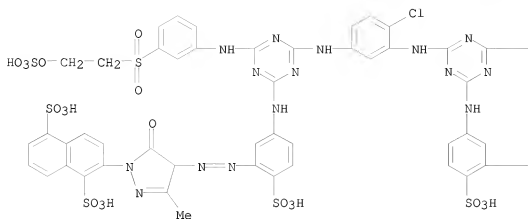


PAGE 1-B

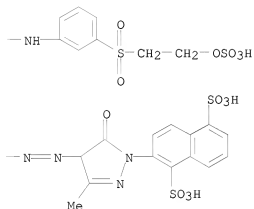


RN 114112-44-6 CAPLUS  
 CN 1,5-Naphthalenedisulfonic acid, 2,2'-[(4-chloro-1,3-phenylene)bis[imino[6-  
 [[3-[[2-(sulfooxy)ethylsulfonyl]phenyl]amino]-1,3,5-triazine-4,2-  
 diyl]imino(6-sulfo-3,1-phenylene)azo(4,5-dihydro-3-methyl-5-oxo-1H-  
 pyrazole-4,1-diyl)]]bis- (9CI) (CA INDEX NAME)

PAGE 1-A



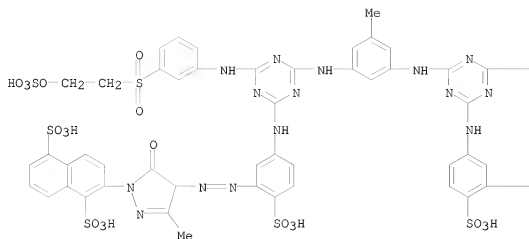
PAGE 1-B



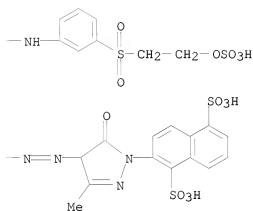
RN 114112-45-7 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 2,2'-[ (5-methyl-1,3-phenylene)bis[imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(6-sulfo-3,1-phenylene)azo(4,5-dihydro-3-methyl-5-oxo-1H-pyrazole-4,1-diyl)]]bis- (9CI) (CA INDEX NAME)

PAGE 1-A



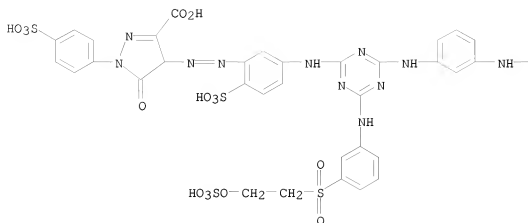
PAGE 1-B



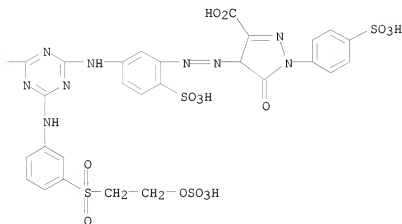
RN 114112-48-0 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,4'-[1,3-phenylenebis[imino(6-[[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino)-1,3,5-triazine-4,2-diyl]imino(6-sulfo-3,1-phenylene)azo]]bis[4,5-dihydro-5-oxo-1-(4-sulfophenyl)- (9CI)  
(CA INDEX NAME)

PAGE 1-A

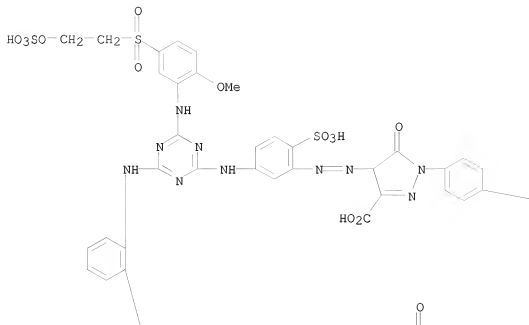


PAGE 1-B



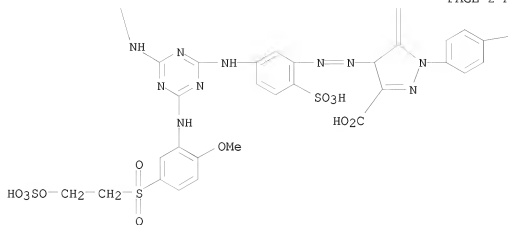
RN 114112-49-1 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,4'-[1,2-phenylenebis[imino[6-[[2-methoxy-5-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(6-sulfo-3,1-phenylene)azo]]bis[4,5-dihydro-5-oxo-1-(4-sulfophenyl)- (9CI) (CA INDEX NAME)



—  $\text{SO}_3\text{H}$

PAGE 2-A



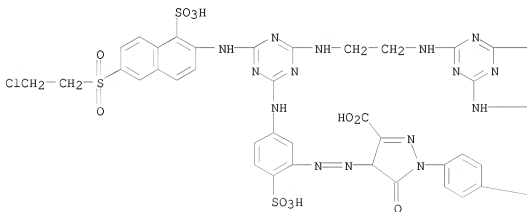
PAGE 2-B

$\text{SO}_3\text{H}$

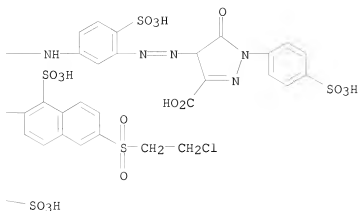
RN 114112-51-5 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,4'-[1,2-ethanediylbis(imino[6-[[6-[(2-chloroethyl)sulfonyl]-1-sulfo-2-naphthalenyl]amino]-1,3,5-triazine-4,2-diyl]imino(6-sulfo-3,1-phenylene)azo)]bis[4,5-dihydro-5-oxo-1-(4-sulfophenyl)- (9CI) (CA INDEX NAME)

PAGE 1-A

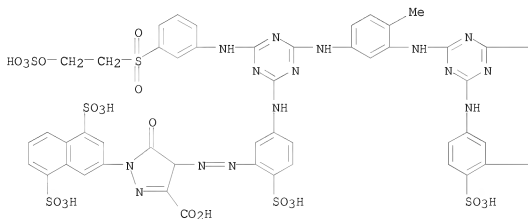


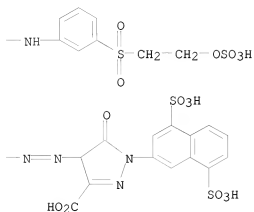




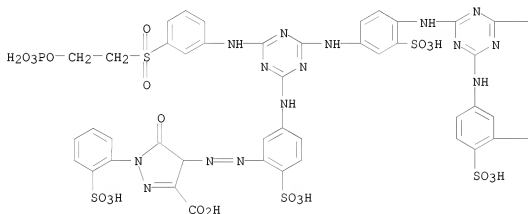
RN 114112-54-8 CAPLUS

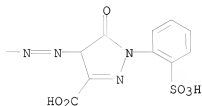
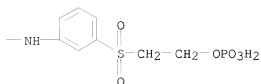
CN 1H-Pyrazole-3-carboxylic acid, 4,4'-[(4-methyl-1,3-phenylene)bis[imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(6-sulfo-3,1-phenylene)azo]]bis[1-(4,8-disulfo-2-naphthalenyl)-4,5-dihydro-5-oxo- (9CI) (CA INDEX NAME)





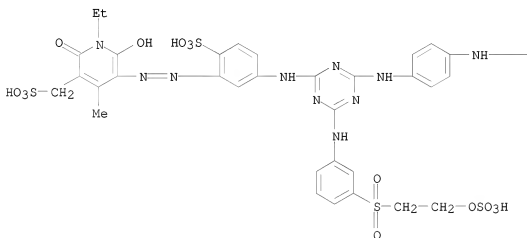
RN 114112-55-9 CAPLUS  
 CN 1H-Pyrazole-3-carboxylic acid, 4,4'-[(3-sulfo-1,4-phenylene)bis[imino[6-[[3-[[2-(phosphonoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(6-sulfo-3,1-phenylene)azo]]bis[4,5-dihydro-5-oxo-1-(2-sulfo)phenyl]- (9CI) (CA INDEX NAME)

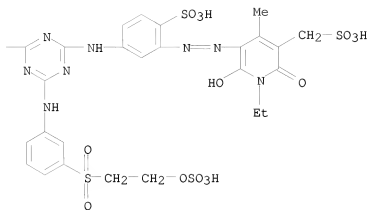




RN 114112-59-3 CAPLUS

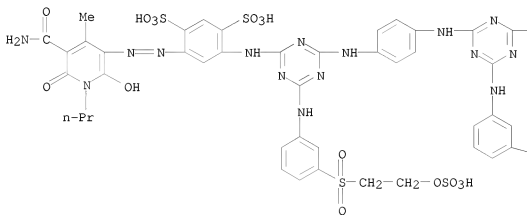
CN 3-Pyridinemethanesulfonic acid, 5,5'-[1,4-phenylenebis(imino{6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino}-1,3,5-triazine-4,2-diyl)imino(6-sulfo-3,1-phenylene)azo]]bis[1-ethyl-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-(9CI) (CA INDEX NAME)



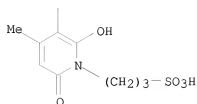
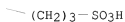
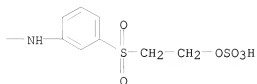


RN 114112-61-7 CAPLUS

CN 1,3-Benzenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-[[3-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino)-1,3,5-triazine-4,2-diyl]imino]]bis[6-[[5-(aminocarbonyl)-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-1-propyl-3-pyridinyl]azo]- (9CI) (CA INDEX NAME)



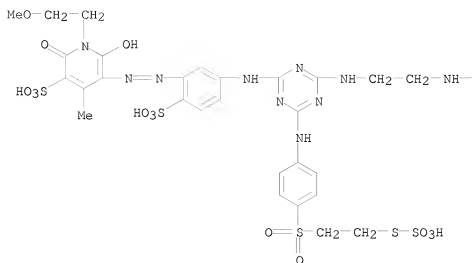




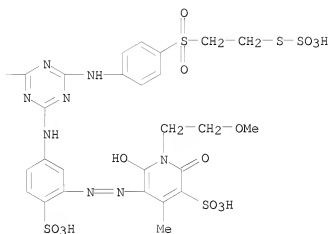
RN 114112-65-1 CAPLUS

CN 3-Pyridinesulfonic acid, 5,5'-[1,2-ethanediylbis(imino[6-[[4-[[2-(sulfothio)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(6-sulfo-3,1-phenylene)azo]]bis[1,2-dihydro-6-hydroxy-1-(2-methoxyethyl)-4-methyl-2-oxo- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



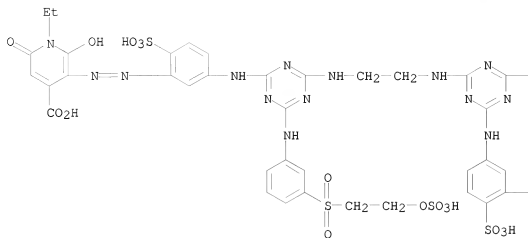
RN 114112-68-4 CAPLUS

CN Benzoic acid, 3,5-bis[[4-[[3-[[1-ethyl-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-5-(sulfomethyl)-3-pyridinyl]azo]-4-sulfophenyl]amino]-6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)  
(CA INDEX NAME)

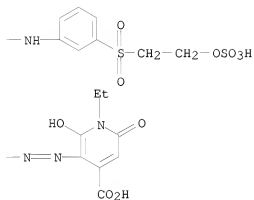




PAGE 1-A

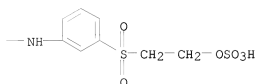
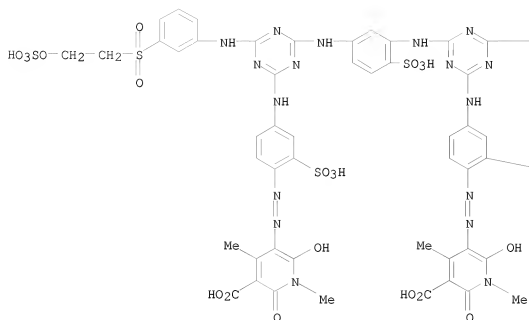


PAGE 1-B



RN 114137-82-5 CAPLUS

CN 3-Pyridinecarboxylic acid, 5,5'-[[(4-sulfo-1,3-phenylene)bis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(6-sulfo-3,1-phenylene)azo]]bis[1,2-dihydro-6-hydroxy-1,4-dimethyl-2-oxo-(9CI) (CA INDEX NAME)



—SO<sub>3</sub>H

RN 114137-85-8 CAPLUS  
 CN 1,3-Benzenedisulfonic acid, 4,4'-[1,3-propanediylbis(imino[6-[[3-chloro-5-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[6-[[5-cyano-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-1-(2-sulfoethyl)-3-pyridinyl]azo]- (9CI) (CA INDEX NAME)



L4 ANSWER 51 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1988:114198 CAPLUS

DN 108:114198

OREF 108:18709a,18712a

TI Reactive disazo dyes

IN Hibara, Toshio

PA Mitsubishi Chemical Industries Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62132968	A	19870616	JP 1985-273344	19851206
	JP 06019046	B	19940316		
PRAI	JP 1985-273344		19851206		

IT 113276-05-4P 113276-07-6P

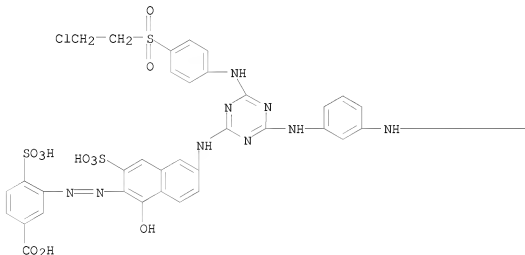
RL: PREP (Preparation)

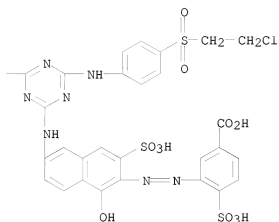
(manufacture of, as reactive dye for one-bath-one-step dyeing of polyester fiber blends)

RN 113276-05-4 CAPLUS

CN Benzoic acid, 3,3'-[1,3-phenylenebis(imino[6-[[4-[(2-chloroethyl)sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis[4-sulfo- (9CI) (CA INDEX NAME)

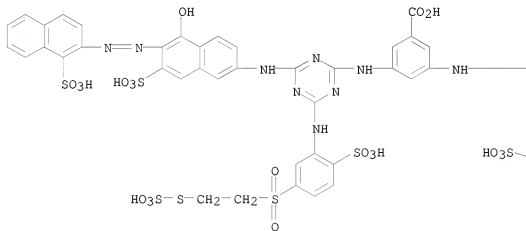
PAGE 1-A

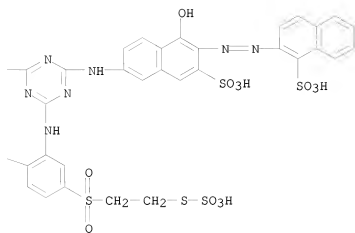




RN 113276-07-6 CAPLUS

CN Benzoic acid, 3,5-bis[[4-[[5-hydroxy-7-sulfo-6-[(1-sulfo-2-naphthalenyl)azo]-2-naphthalenyl]amino]-6-[[2-sulfo-5-[[2-(sulfothio)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)  
(CA INDEX NAME)





L4 ANSWER 52 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1988:77120 CAPLUS

DN 108:77120

OREF 108:12755a,12758a

TI Reactive disazo dyes

IN Hibara, Toshio

PA Mitsubishi Chemical Industries Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

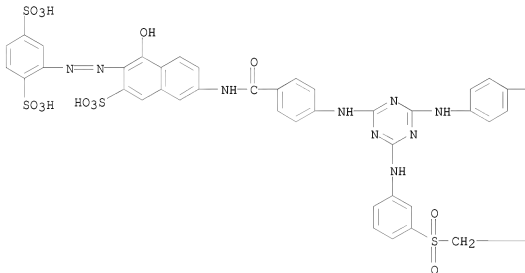
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62030158	A	19870209	JP 1985-167402	19850731
PRAI	JP 1985-167402		19850731		
IT	110111-44-9	110111-45-0	110111-47-2		
	110111-48-3	110111-49-4	110111-52-9		
	110111-53-0	110111-55-2	110111-57-4		
	110111-59-6				

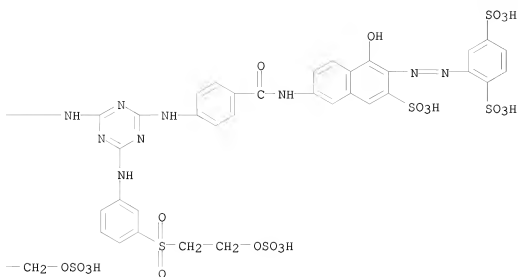
RL: TEM (Technical or engineered material use); USES (Uses)  
(dye, for cotton)

RN 110111-44-9 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2,2'-[1,4-phenylenebis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenylenecarbonylimino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis-(9CI) (CA INDEX NAME)

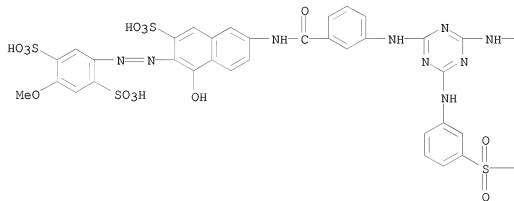
PAGE 1-A





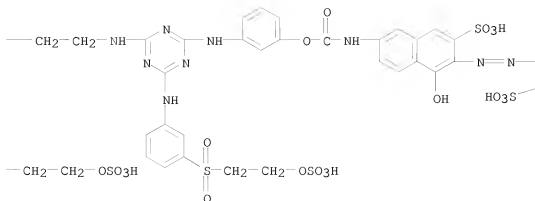
RN 110111-45-0 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethanedithiolbis(imino[6-[[3-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-3,1-phenylenecarbonylimino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis(5-methoxy- (9CI) (CA INDEX NAME)

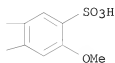




PAGE 1-B



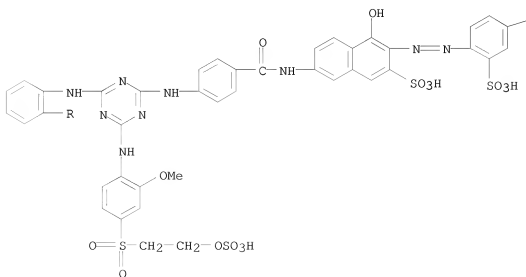
PAGE 1-C



RN 110111-47-2 CAPLUS

CN 1,3-Benzenedisulfonic acid, 4,4'-[1,2-phenylenebis[imino[6-[[2-methoxy-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenylenecarbonylimino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis-(9CI) (CA INDEX NAME)

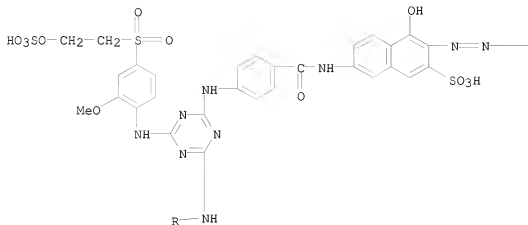
PAGE 1-A



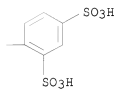
PAGE 1-B



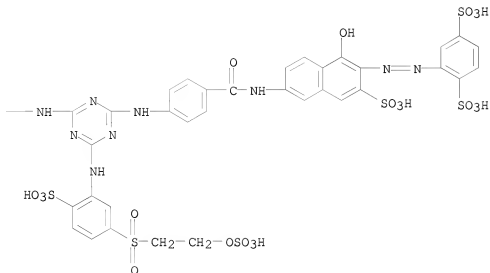
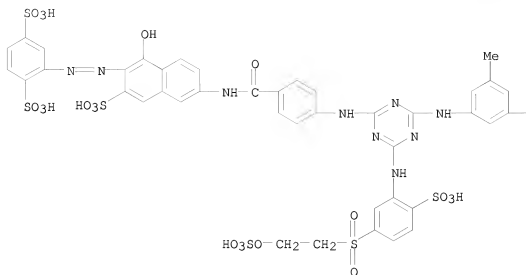
PAGE 2-A



PAGE 2-B



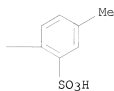
RN 110111-48-3 CAPLUS  
 CN 1,4-Benzenedisulfonic acid, 2,2'-[(5-methyl-1,3-phenylene)bis[imino[6-[[2-sulfo-5-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenyl]carbonylimino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)



RN 110111-49-4 CAPLUS

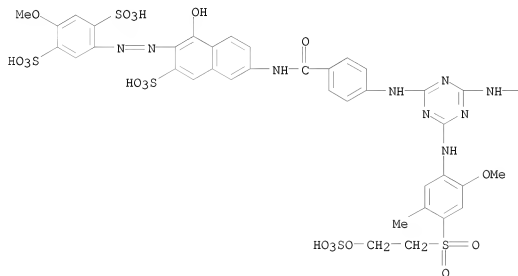
CN Benzoic acid, 3,5-bis[[4-[[3-[[[5-hydroxy-6-[(4-methyl-2-sulphophenyl)azo]-7-sulfo-2-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)  
(CA INDEX NAME)

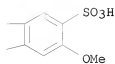
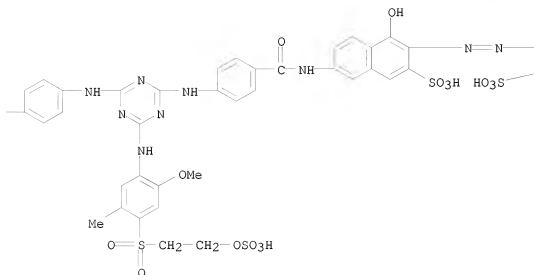




RN 110111-52-9 CAPLUS

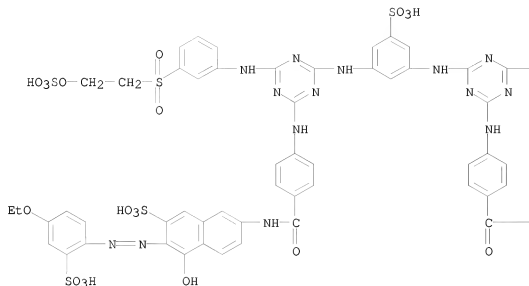
CN 1,4-Benzenedisulfonic acid, 2,2'-[1,4-phenylenebis(imino[6-[[2-methoxy-5-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenylenecarbonylimino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis[5-methoxy- (9CI) (CA INDEX NAME)



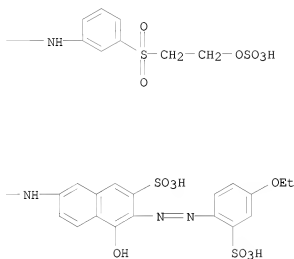


RN 110111-53-0 CAPLUS  
 CN 2-Naphthalenesulfonic acid, 7,7'-[(5-sulfo-1,3-phenylene)bis[imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenylenecarbonylimino]]bis[3-[(4-ethoxy-2-sulphophenyl)azo]-4-hydroxy-(9CI) (CA INDEX NAME)

PAGE 1-A

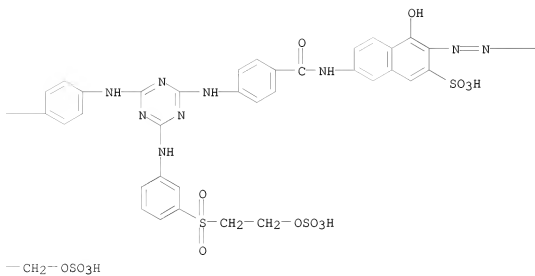
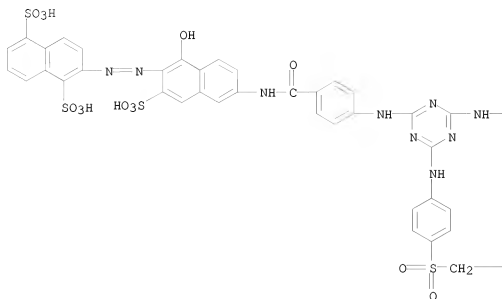


PAGE 1-B

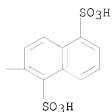


RN 110111-55-2 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 2,2'-[1,4-phenylenebis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenylenecarbonylimino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis-(9CI) (CA INDEX NAME)

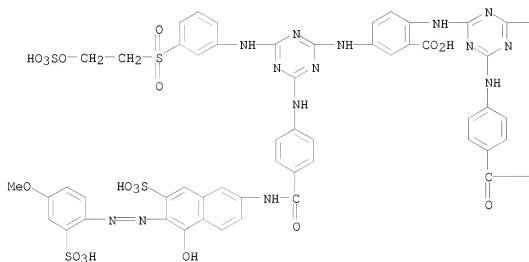


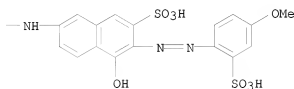
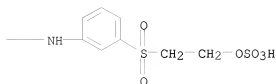




RN 110111-57-4 CAPLUS

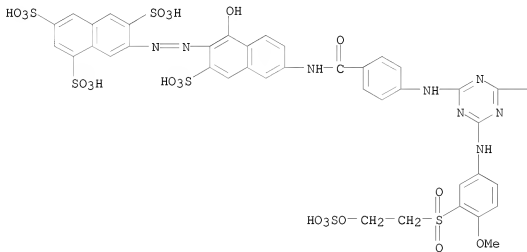
CN Benzoic acid, 2,5-bis[[4-[[4-[[[5-hydroxy-6-[(4-methoxy-2-sulphophenyl)azo]-7-sulfo-2-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)  
(CA INDEX NAME)



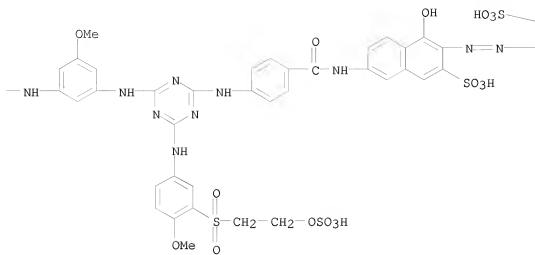


RN 110111-59-6 CAPLUS

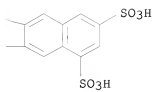
CN 1,3,6-Naphthalenetrisulfonic acid, 7,7'-[ (5-methoxy-1,3-phenylene)bis[imino[6-[ [4-methoxy-3- [2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenylenecarbonylimino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)



PAGE 1-B



PAGE 1-C



L4 ANSWER 53 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1987:498208 CAPLUS

DN 107:98208

OREF 107:16021a,16024a

TI Formazan compounds

IN Kato, Yoshiaki; Kunii, Keiko

PA Mitsubishi Chemical Industries Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

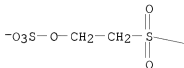
DT Patent

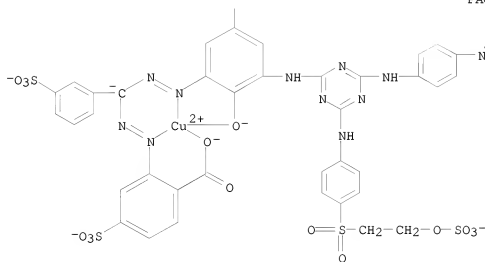
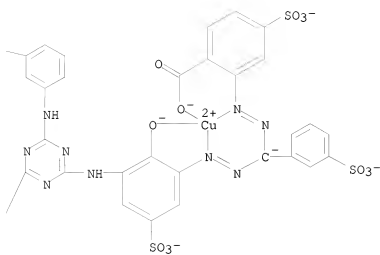
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62043465	A	19870225	JP 1985-183716	19850821
	JP 06035556	B	19940511		
PRAI	JP 1985-183716		19850821		
IT	110019-47-1	110019-48-2	110019-49-3		
	110019-50-6	110019-51-7	110019-52-8		
	110019-53-9	110019-54-0	110019-55-1		
	110038-11-4	110038-12-5	110038-14-7		
	110038-15-8	110068-40-1			
	RL: TEM (Technical or engineered material use); USES (Uses)				
	(dye, for cotton)				
RN	110019-47-1	CAPLUS			
CN	Cuprate(10-), [ $\mu$ -[2,2'-(1,4-phenylenebis[imino[6-[[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-hydroxy-5-sulfo-3,1-phenylene)azo[(3-sulfophenyl)methylene]azo]]bis[4-sulfobenzoato]](14-)]di-, decahydrogen (9CI) (CA INDEX NAME)				

PAGE 1-A

SO<sub>3</sub><sup>-</sup>

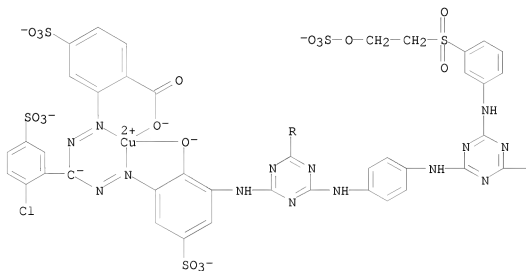


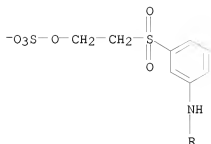
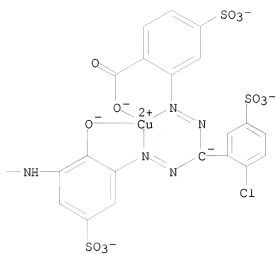
●10 H<sup>+</sup>

RN 110019-48-2 CAPLUS

CN Cuprate(10-), [μ-[2,2'-(1,4-phenylenebis[imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-hydroxy-5-sulfo-3,1-phenylene)azo[(2-chloro-5-sulfophenyl)methylene]azo]]bis[4-sulfobenzoato]](14-))]di-, decahydrogen (9CI) (CA INDEX NAME)

PAGE 1-A



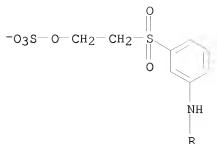


● 10 H<sup>+</sup>

RN 110019-49-3 CAPLUS  
 CN Cuprate(10-), [μ-[2,2'-[1,4-phenylenebis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-hydroxy-5-sulfo-3,1-phenylene)azo[(2-sulfophenyl)methylene]azo]]bis[4-sulfobenzoato]](14-)]di-, decahydrogen (9CI) (CA INDEX NAME)

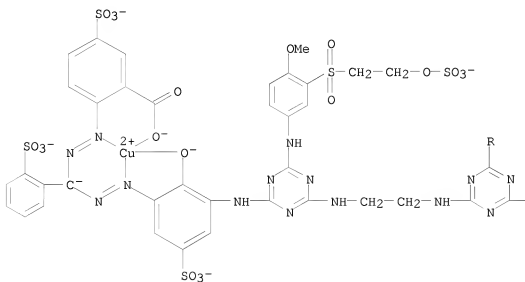




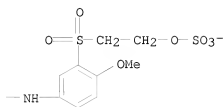


● 10 H<sup>+</sup>

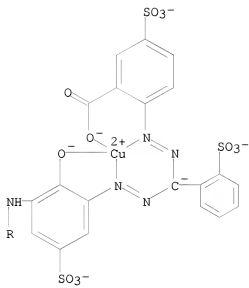
RN 110019-50-6 CAPLUS  
 CN Cuprate(10-), [μ-[2,2'-(1,4-phenylenebis[imino{6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-hydroxy-5-sulfo-3,1-phenylene)azo[(2-sulfophenyl)methylene]azo]]bis[5-sulfobenzoato]](14-)]di-, decahydrogen (9CI) (CA INDEX NAME)



PAGE 1-B



PAGE 2-A

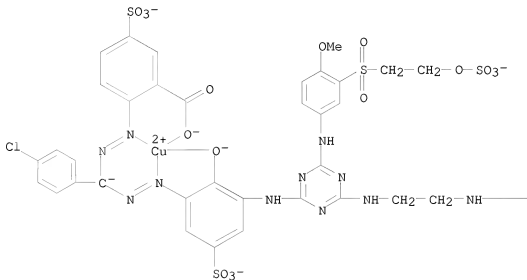


PAGE 2-B

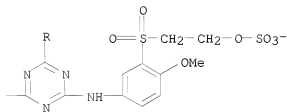
RN 110019-51-7 CAPLUS

CN Cuprate(8-),  $\{\mu\text{-}[[2,2'\text{-}[1,2\text{-ethanediylbis[imino[6-[[4-methoxy-3-[[2-(sulfooxy)ethylsulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-hydroxy-5-sulfo-3,1-phenylene)azo[(4-chlorophenyl)methylene]azo]]bis[5-sulfobenzoato]](12-)]di\text{-}, \text{octahydrogen (9CI) (CA INDEX NAME)}$

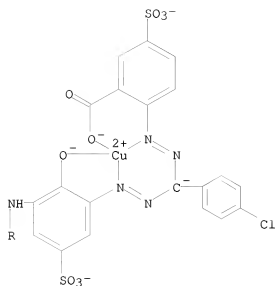
PAGE 1-A



PAGE 1-B



PAGE 2-A

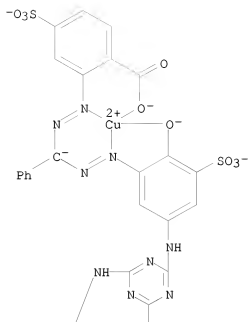


PAGE 2-B

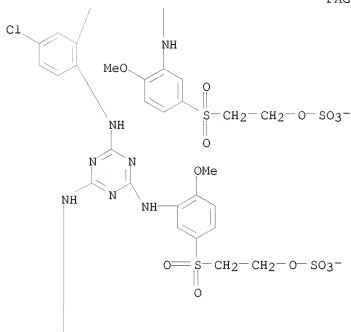


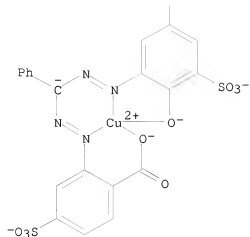
RN 110019-52-8 CAPLUS  
 CN Cuprate(8-), [μ-[[2,2'-(4-chloro-1,2-phenylene)bis[imino[6-[[2-methoxy-5-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(6-hydroxy-5-sulfo-3,1-phenylene)azo(phenylmethylene)azo]]bis[4-sulfobenzoato]](12-)]di-, octahydrogen (9CI) (CA INDEX NAME)

PAGE 1-A

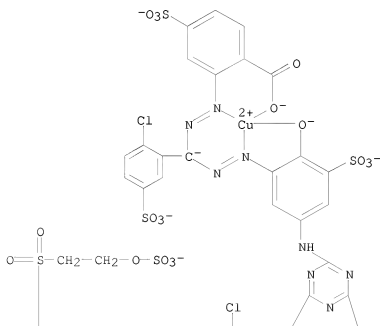


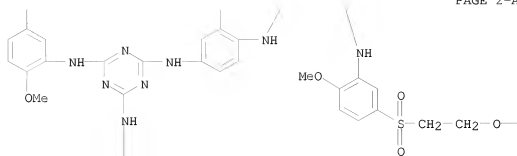
PAGE 2-A

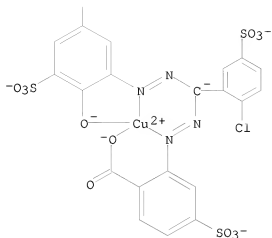


● 8 H<sup>+</sup>

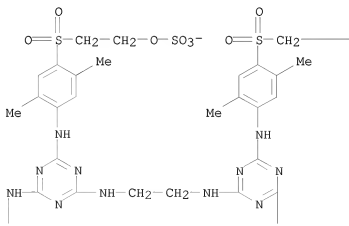
RN 110019-53-9 CAPLUS  
 CN Cuprate(10-), [μ-[2,2'-(2-chloro-1,4-phenylene)bis[imino(6-[[2-methoxy-5-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino)-1,3,5-triazine-4,2-diyl]imino(6-hydroxy-5-sulfo-3,1-phenylene)azo[(2-chloro-5-sulfophenyl)methylene]azo]]bis[4-sulfobenzoato]](14-)]di-, decahydrogen (9CI) (CA INDEX NAME)



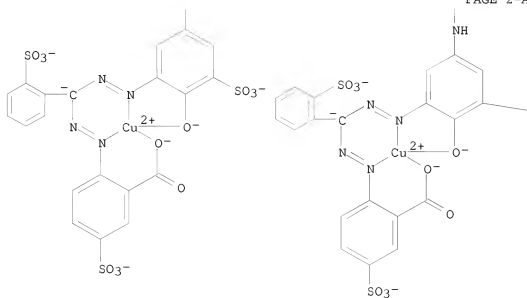
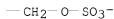




RN 110019-54-0 CAPLUS  
 CN Cuprate(10-), [μ-[[2,2'-(1,2-ethanediylbis(imino[6-[(2,5-dimethyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl)amino]-1,3,5-triazine-4,2-diyl]imino(6-hydroxy-5-sulfo-3,1-phenylene)azo[(2-sulfo-phenyl)methylene]azo]]bis[5-sulfo-2-benzoyl]](14-)]di-, decahydrogen (9CI) (CA INDEX NAME)



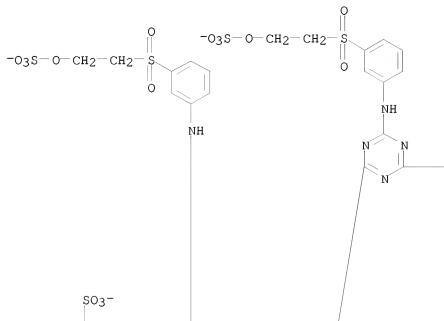




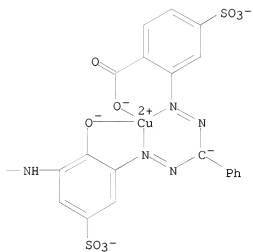
RN 110019-55-1 CAPLUS  
 CN Cuprate(8-), [μ-[[[2,2'-(1,4-phenylenebis(imino[6-[[[3-[[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-hydroxy-5-sulfo-3,1-phenylene)azo(phenylmethylene)azo]]bis[4-

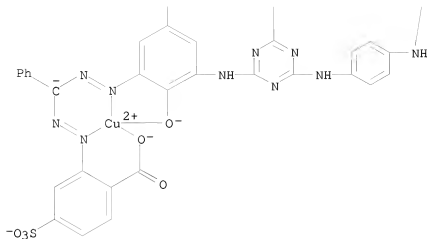
sulfobenzoato]](12-))di-, octapotassium (9CI) (CA INDEX NAME)

PAGE 1-A

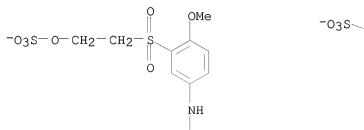


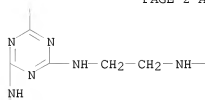
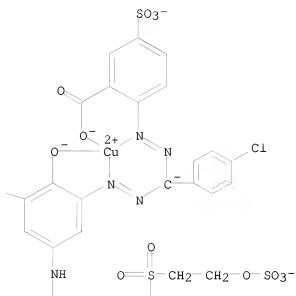
PAGE 1-B



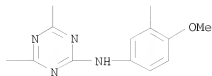
● 8 K<sup>+</sup>

RN 110038-11-4 CAPLUS  
 CN Cuprate(8-), [μ-[(2,2'-(1,2-ethanediylbis[imino(6-[[4-methoxy-3-[[2-(sulfooxy)ethyl)sulfonyl]phenyl]amino)-1,3,5-triazine-4,2-diyl]imino(6-hydroxy-5-sulfo-3,1-phenylene)azo[(4-chlorophenyl)methylene]azo]]bis[5-sulfobenzoato]](12-)]di-, octahydrogen (9CI) (CA INDEX NAME)

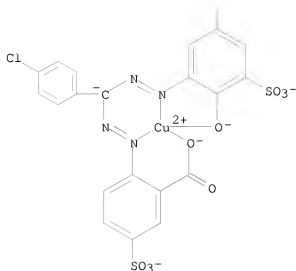




PAGE 2-B



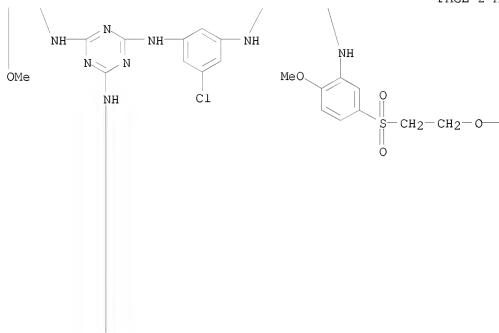
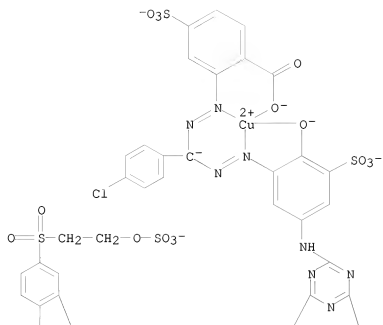
PAGE 3-A

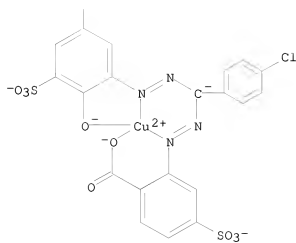


PAGE 3-B

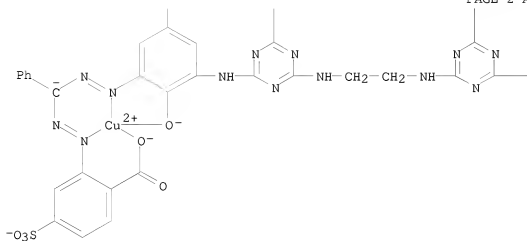
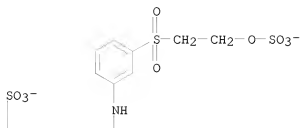
● 8 H<sup>+</sup>

RN 110038-12-5 CAPLUS  
 CN Cuprate(8-), [μ-[[2,2'-(5-chloro-1,3-phenylene)bis(imino[6-[[2-methoxy-5-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino)-1,3,5-triazine-4,2-diyl]imino(6-hydroxy-5-sulfo-3,1-phenylene)azo{[4-chlorophenyl)methylene]azo}}bis[4-sulfobenzoato]](12-))]di-, octahydrogen (9CI) (CA INDEX NAME)



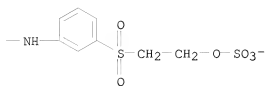
—SO<sub>3</sub><sup>-</sup>● 8 H<sup>+</sup>

RN 110038-14-7 CAPLUS  
 CN Cuprate(8-), [μ-[[2,2'-(1,2-ethanediylbis[imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-hydroxy-5-sulfo-3,1-phenylene)azo(phenylmethylene)azo]]bis[4-sulfobenzoato]](12-)]di-, octahydrogen (9CI) (CA INDEX NAME)

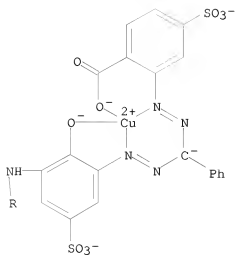




PAGE 2-B



PAGE 3-A



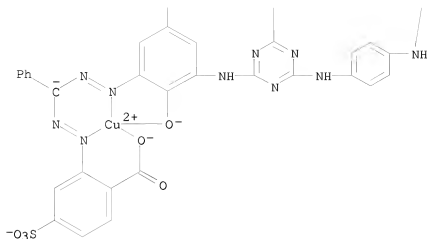
PAGE 3-B

● 8 H<sup>+</sup>

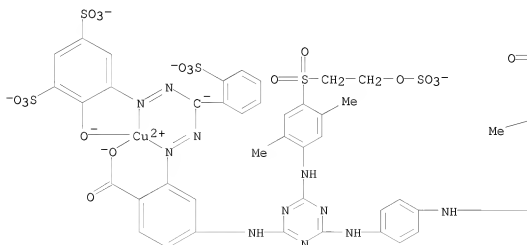
RN 110038-15-8 CAPLUS

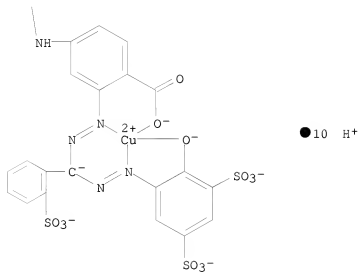
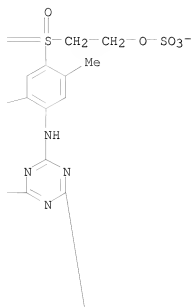
CN Cuprate(8-), [μ-[ [2,2'-(1,4-phenylenebis[imino[6-[[2-methoxy-5-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-hydroxy-5-sulfo-3,1-phenylene)azo(phenylmethylene)azo]]bis[4-sulfobenzoato]](12-)]di-, octahydrogen (9CI) (CA INDEX NAME)



● 8 H<sup>+</sup>

RN 110068-40-1 CAPLUS  
 CN Cuprate(10-), [μ-[[4,4'-[1,4-phenylenebis(imino[6-[(2,5-dimethyl-4-[(2-(sulfooxy)ethyl)sulfonyl]phenyl)amino]-1,3,5-triazine-4,2-diyl]imino)]bis[2-[[[(2-hydroxy-3,5-disulfophenyl)azo](2-sulfophenyl)methyl]azo]benzoato]](14-))]di-, decahydrogen (9CI) (CA INDEX NAME)





L4 ANSWER 54 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1987:498200 CAPLUS

DN 107:98200

OREF 107:16021a,16024a

TI Reactive disazo dyes

IN Kotani, Junji; Watanabe, Shigeyuki

PA Nippon Kasei K. K., Iwaki, Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62030157	A	19870209	JP 1985-167668	19850731
	JP 04053907	B	19920827		
PRAI	JP 1985-167668		19850731		

OS CASREACT 107:98200

IT 110111-21-2 110111-24-5 110111-25-6

110111-65-4 110111-67-6 110111-68-7

110111-69-8 110111-72-3 110111-74-5

110111-76-7 110111-77-8 110111-78-9

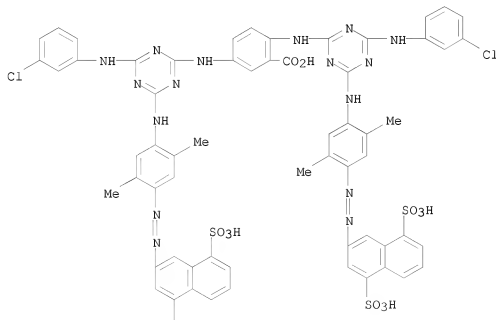
110111-81-4

RL: TEM (Technical or engineered material use); USES (Uses)  
(dye, yellow, for cotton)

RN 110111-21-2 CAPLUS

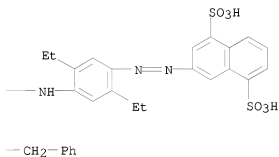
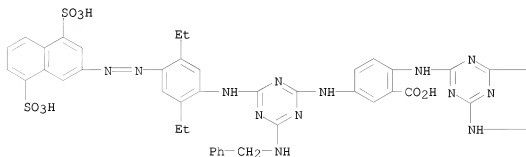
CN Benzoic acid, 2,5-bis[[4-[(3-chlorophenyl)amino]-6-[[4-[(4,8-disulfo-2-naphthalenyl)azo]-2,5-dimethylphenyl]amino]-1,3,5-triazin-2-yl]amino]-(9CI) (CA INDEX NAME)

PAGE 1-A

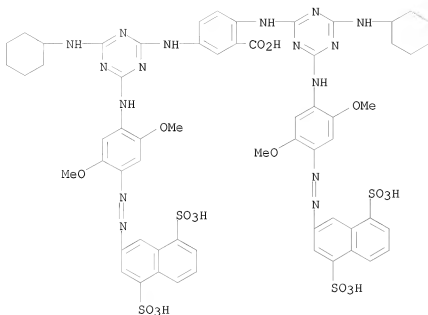




RN 110111-24-5 CAPLUS  
 CN Benzoic acid, 2,5-bis[[4-[[4-[(4,8-disulfo-2-naphthalenyl)azo]-2,5-diethylphenyl]amino]-6-[(phenylmethyl)amino]-1,3,5-triazin-2-yl]amino]-(9CI) (CA INDEX NAME)



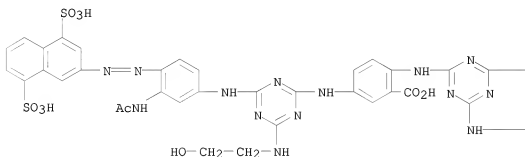
RN 110111-25-6 CAPLUS  
 CN Benzoic acid, 2,5-bis[[4-(cyclohexylamino)-6-[[4-[(4,8-disulfo-2-naphthalenyl)azo]-2,5-dimethoxyphenyl]amino]-1,3,5-triazin-2-yl]amino]-(9CI) (CA INDEX NAME)

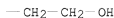
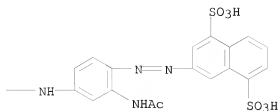


RN 110111-65-4 CAPLUS

CN Benzoic acid, 2,5-bis[[4-[[3-(acetylamino)-4-[(4,8-disulfo-2-naphthalenyl)azo]phenyl]amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]-(9CI) (CA INDEX NAME)

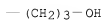
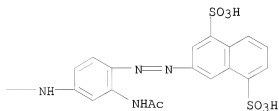
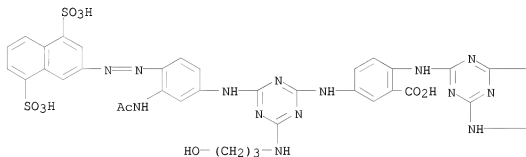
PAGE 1-A





RN 110111-67-6 CAPLUS

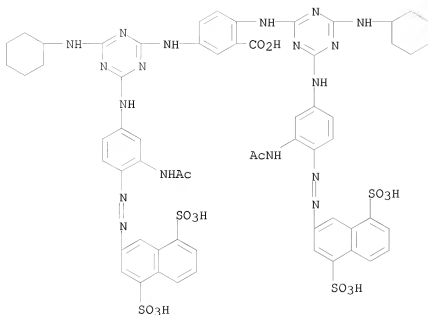
CN Benzoic acid, 2,5-bis[[4-[[3-(acetylamino)-4-[(4,8-disulfo-2-naphthalenyl)azo]phenyl]amino]-6-[(3-hydroxypropyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



RN 110111-68-7 CAPLUS

CN Benzoic acid, 2,5-bis[[4-[[3-(acetylamino)-4-[(4,8-disulfo-2-naphthalenyl)azo]phenyl]amino]-6-(cyclohexylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

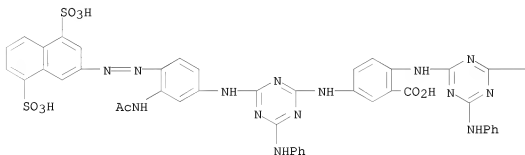




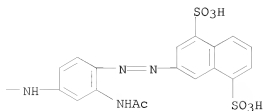
RN 110111-69-8 CAPLUS

CN Benzoic acid, 2,5-bis[[4-[[[3-(acetylamino)-4-[(4,8-disulfo-2-naphthalenyl)azo]phenyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-9CI) (CA INDEX NAME)

PAGE 1-A



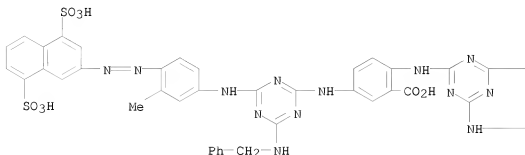
PAGE 1-B



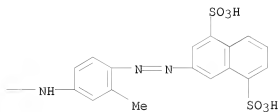
RN 110111-72-3 CAPLUS

CN Benzoic acid, 2,5-bis[[4-[[4-[(4,8-disulfo-2-naphthalenyl)azo]-3-methylphenyl]amino]-6-(phenylmethyl)amino]-1,3,5-triazin-2-yl]amino]-(9CI) (CA INDEX NAME)

PAGE 1-A

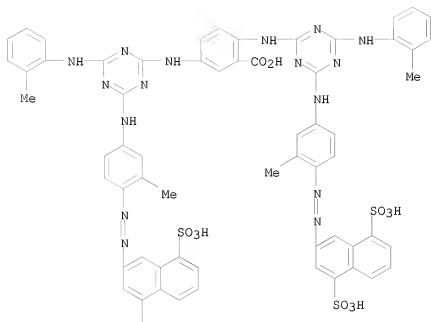


PAGE 1-B

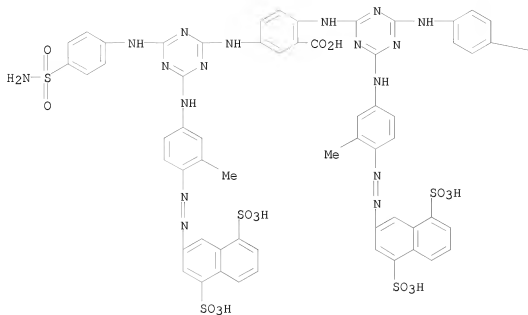
—CH<sub>2</sub>—Ph

RN 110111-74-5 CAPLUS

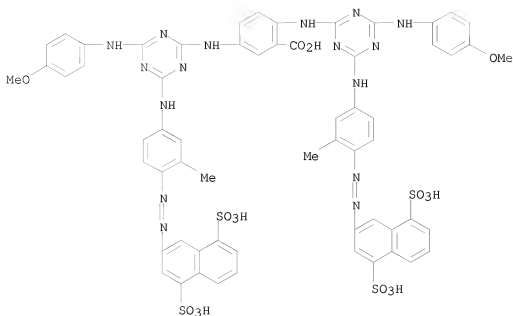
CN Benzoic acid, 2,5-bis[[4-[[4-[(4,8-disulfo-2-naphthalenyl)azo]-3-methylphenyl]amino]-6-(2-methylphenyl)amino]-1,3,5-triazin-2-yl]amino]-(9CI) (CA INDEX NAME)



RN 110111-76-7 CAPLUS  
 CN Benzoic acid, 2,5-bis[[4-[[4-(aminosulfonyl)phenyl]amino]-6-[[4-[(4,8-disulfo-2-naphthalenyl)azo]-3-methylphenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



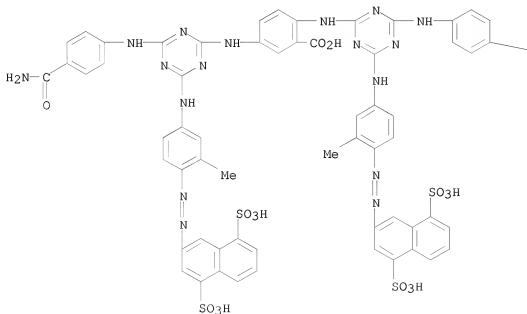
RN 110111-77-8 CAPLUS  
 CN Benzoic acid, 2,5-bis[[4-[[4-[(4,8-disulfo-2-naphthalenyl)azo]-3-methylphenyl]amino]-6-[(4-methoxyphenyl)amino]-1,3,5-triazin-2-yl]amino]-(9CI) (CA INDEX NAME)



RN 110111-78-9 CAPLUS

CN Benzoic acid, 2,5-bis[[4-[[[4-(aminocarbonyl)phenyl]amino]-6-[[4-[(4,8-disulfo-2-naphthalenyl)azo]-3-methylphenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A





L4 ANSWER 55 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1987:215492 CAPLUS

DN 106:215492

OREF 106:34977a,34980a

TI Trisazo reactive dyes

IN Hibara, Toshio

PA Mitsubishi Chemical Industries Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62020562	A	19870129	JP 1985-158046	19850719
	JP 05088738	B	19931224		
PRAI	JP 1985-158046		19850719		

OS CASREACT 106:215492

IT 108469-75-6 108469-78-9 108469-82-5

108507-15-9 108507-16-0 108533-05-7

108533-06-8 108533-07-9

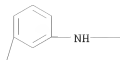
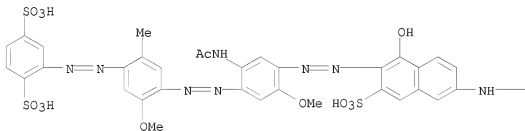
RL: TEM (Technical or engineered material use); USES (Uses)

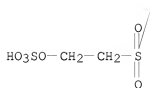
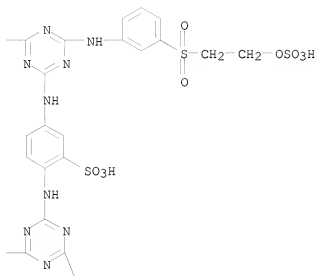
(dye, for cotton)

RN 108469-75-6 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2-[[4-[[2-(acetylamino)-4-[[1-hydroxy-3-sulfo-6-[[4-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-6-[[3-sulfo-4-[[4-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-6-[[2-sulfophenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-naphthalenyl]azo]-5-methoxyphenyl]azo]-5-methoxy-2-methylphenyl]azo]- (9CI) (CA INDEX NAME)

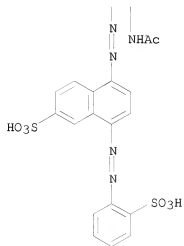
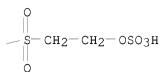
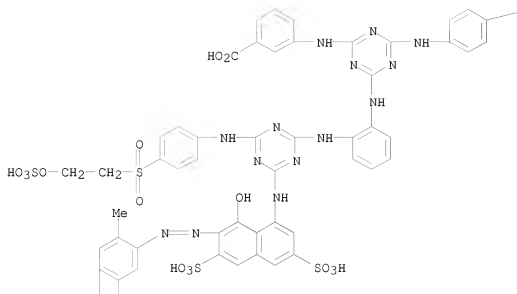
PAGE 1-A





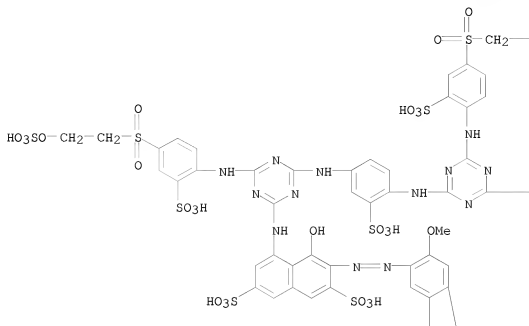
RN 108469-78-9 CAPLUS  
 CN Benzoic acid, 3-[[[4-[[[2-[[[4-[[[7-[[5-(acetylamino)-2-methyl-4-[[6-sulfo-4-  
 [(2-sulphophenyl)azo]-1-naphthalenyl]azo]phenyl]azo]-8-hydroxy-3,6-disulfo-  
 2-naphthalenyl]amino]-6-[[4-[[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-  
 1,3,5-triazin-2-yl]amino]phenyl]amino]-6-[[4-[[[2-  
 (sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)  
 (CA INDEX NAME)

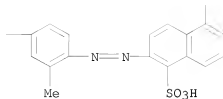
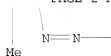
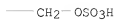




CN 1,5-Naphthalenedisulfonic acid, 2-[[[4-[[[8-[[[4-[[[4-[[[4-[[[3-bromophenyl]amino]-6-[[[2-sulfo-4-[[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-3-sulfophenyl]amino]-6-[[[2-sulfo-4-[[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]azo]-5-methoxy-2-methylphenyl]azo]-2-methylphenyl]azo]- (9CI) (CA INDEX NAME)

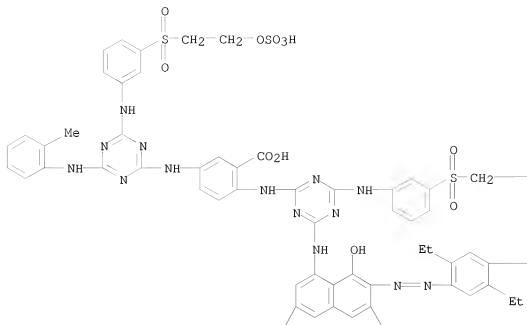
PAGE 1-A



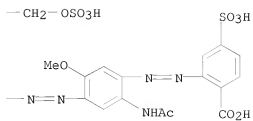


RN 108507-15-9 CAPLUS  
 CN Benzoic acid, 2-[[[2-(acetylamino)-4-[[[4-[[[8-[[[4-[2-carboxy-4-[[[4-[(2-methylphenyl)amino]-6-[[[3-[[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-6-[[[3-[[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]azo]-2,5-diethylphenyl]azo]-5-methoxyphenyl]azo]-4-sulfo-(9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

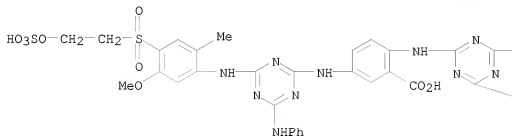


PAGE 2-A

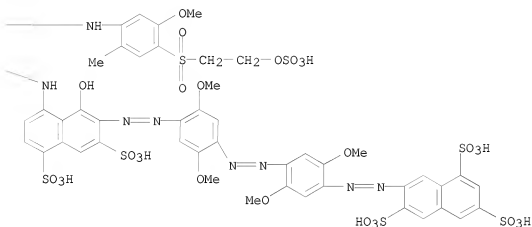


CN Benzoic acid, 2-[[4-[[7-[[4-[[2,5-dimethoxy-4-[(3,6,8-trisulfo-2-naphthalenyl)azo]phenyl]azo]-2,5-dimethoxyphenyl]azo]-8-hydroxy-4,6-disulfo-1-naphthalenyl]amino]-6-[[5-methoxy-2-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-5-[[4-[[5-methoxy-2-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A



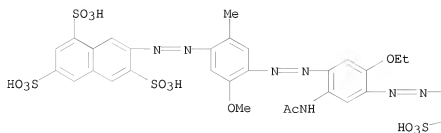
PAGE 1-B



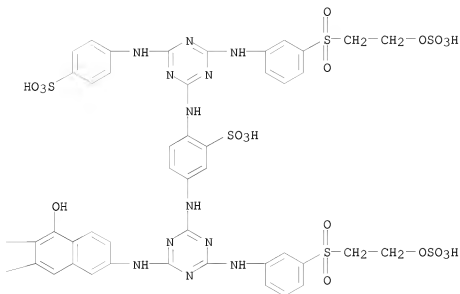
RN 108533-05-7 CAPLUS

CN 1,3,6-Naphthalenetrisulfonic acid, 7-[[4-[[2-(acetyl amino)-5-ethoxy-4-[[1-hydroxy-3-sulfo-6-[[4-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-6-[[3-sulfo-4-[[4-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-6-[[4-(sulfohenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-naphthalenyl]azo]phenyl]azo]-5-methoxy-2-methylphenyl]azo]- (9CI) (CA INDEX NAME)

PAGE 1-A

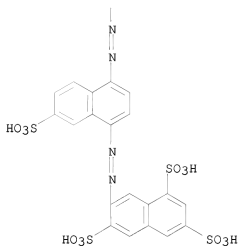
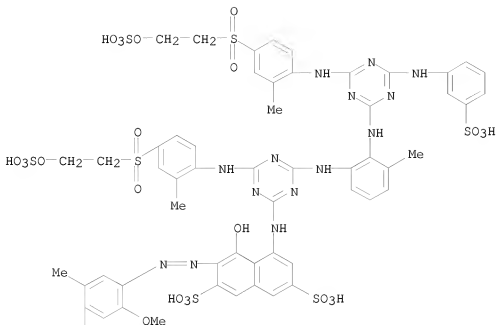


PAGE 1-B

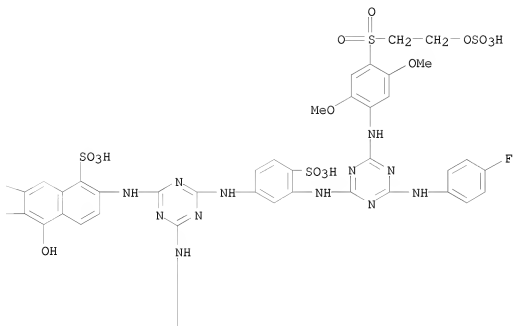
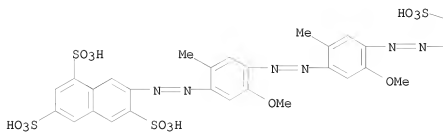


RN 108533-06-8 CAPLUS

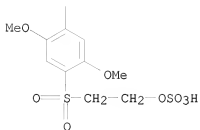
CN 1,3,6-Naphthalenetrisulfonic acid, 7-[[[4-[[[4-[[1-hydroxy-8-[[4-[[[2-methyl-4-[[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-6-[[[3-methyl-2-[[[4-[[[2-methyl-4-[[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-6-[[[3-sulfophenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]-3,6-disulfo-2-naphthalenyl]azo]-5-methoxy-2-methylphenyl]azo]-7-sulfo-1-naphthalenyl]azo]- (9CI) (CA INDEX NAME)



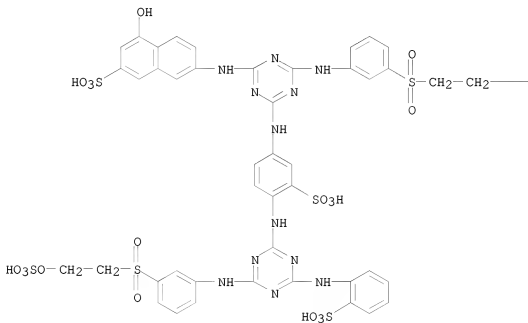
RN 108533-07-9 CAPLUS  
 CN 1,3,6-Naphthalenetrisulfonic acid, 7-[[[4-[[[6-[[[4-[[[2,5-dimethoxy-4-[[2-(sulfooxy)ethyl)sulfonyl]phenyl]amino]-6-[[[3-[[[4-[[[2,5-dimethoxy-4-[[2-(sulfooxy)ethyl)sulfonyl]phenyl]amino]-6-[[[4-(4-fluorophenyl)amino]-1,3,5-triazin-2-yl]amino]-4-sulfofenyl]amino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,5-disulfo-2-naphthalenyl]azo]-5-methoxy-2-methylphenyl]azo]-5-methoxy-2-methylphenyl]azo]- (9CI) (CA INDEX NAME)







IT 108507-25-1  
 RL: USES (Uses)  
 (in reactive trisazo dye manufacture)  
 RN 108507-25-1 CAPLUS  
 CN 2-Naphthalenesulfonic acid, 4-hydroxy-7-[[4-[[3-[[2-(sulfooxy)ethylsulfonyl]phenyl]amino]-6-[[3-sulfo-4-[[4-[[3-[[2-(sulfooxy)ethylsulfonyl]phenyl]amino]-6-[[2-sulphophenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



10/580,237

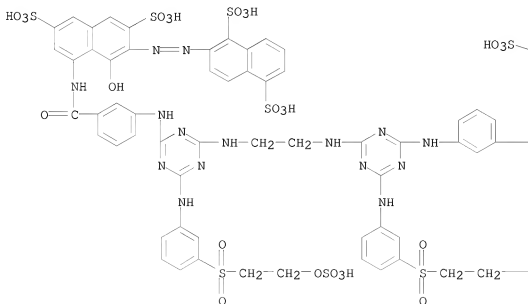
PAGE 1-B

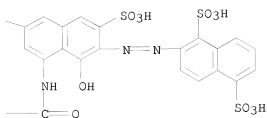
—OSO<sub>3</sub>H

L4 ANSWER 56 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1987:157966 CAPLUS  
 DN 106:157966  
 OREF 106:25718h,25719a  
 TI Reactive disazo dyes  
 IN Hibara, Toshio  
 PA Mitsubishi Chemical Industries Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61272270	A	19861202	JP 1985-113197	19850528
PRAI	JP 1985-113197		19850528		
IT	107881-50-5P 107881-51-6P 107881-53-8P 107881-55-0P 107881-57-2P 107881-58-3P 107881-60-7P 107881-61-8P 107881-63-0P 107881-64-1P 107881-65-2P 107881-66-3P 107881-68-5P 107900-64-1P 107900-66-3P				
RL:	PREP (Preparation) (manufacture of, as reactive dye for cotton-polyester blends)				
RN	107881-50-5 CAPLUS				
CN	1,5-Naphthalenedisulfonic acid, 2,2'-[1,2-ethanediylbis(imino[6-[[3-[[2-(sulfooxy)ethylsulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-3,1-phenylenecarbonylimino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis-(9CI) (CA INDEX NAME)				

PAGE 1-A

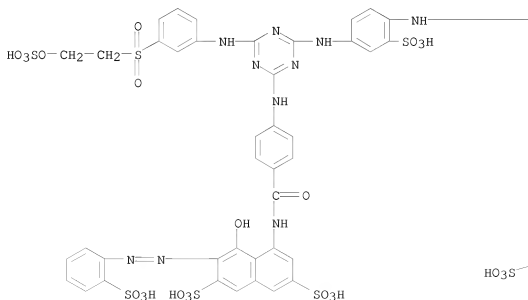


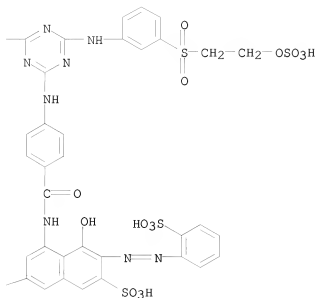


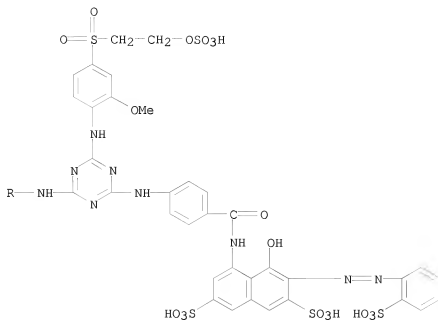
—  $\text{OSO}_3\text{H}$

RN 107881-51-6 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4,4'-[(2-sulfo-1,4-phenylene)bis[imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenylenecarbonylimino]]bis[5-hydroxy-6-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)

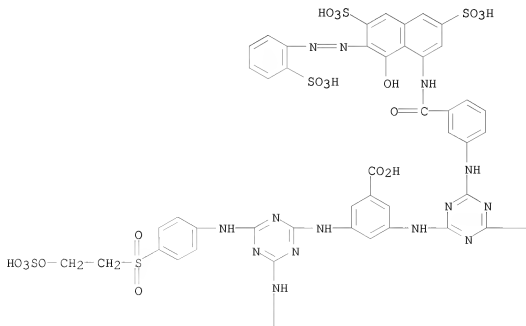


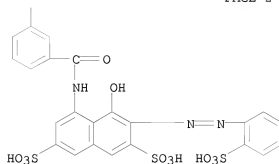
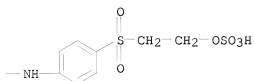




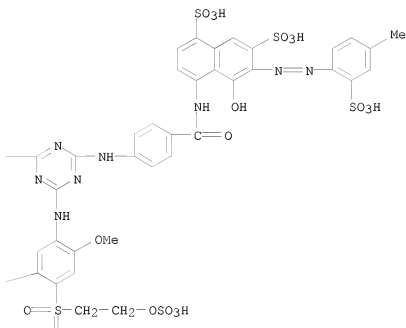
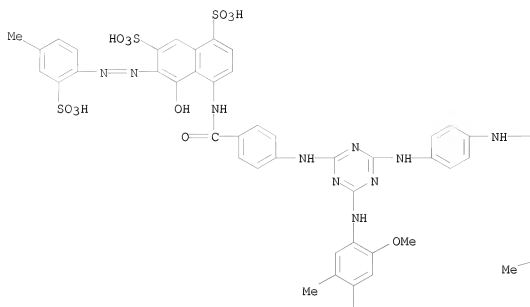
RN 107881-55-0 CAPLUS

CN Benzoic acid, 3,5-bis[[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[(2-sulphophenyl)azo]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)  
(CA INDEX NAME)



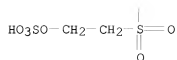


RN 107881-57-2 CAPLUS  
 CN 1,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-[[2-methoxy-5-methyl-4-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]-4,1-phenylenecarbonylimino]]bis[5-hydroxy-6-[(4-methyl-2-sulphophenyl)azo]- (9CI) (CA INDEX NAME)





PAGE 2-A



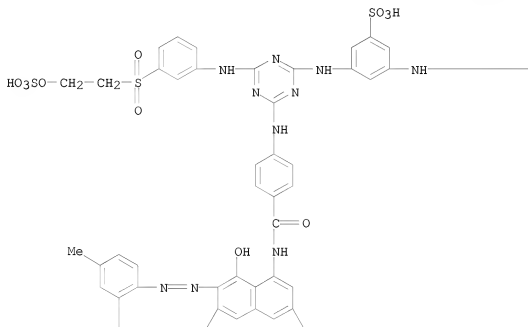
PAGE 2-B

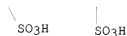
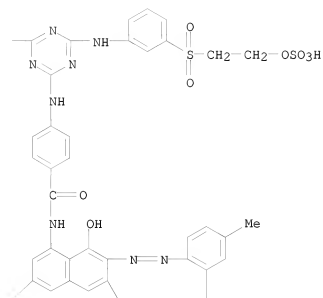


RN 107881-58-3 CAPLUS

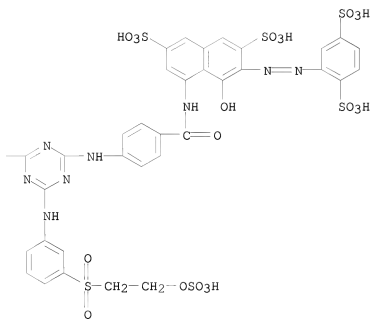
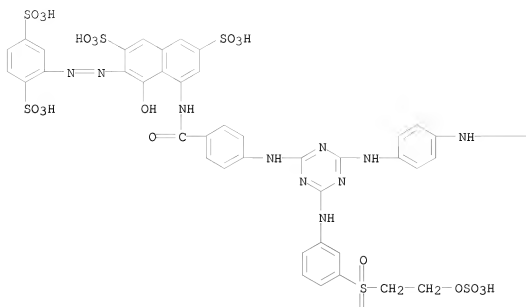
CN 2,7-Naphthalenedisulfonic acid, 4,4'-[(5-sulfo-1,3-phenylene)bis[imino[6-  
[3-[(3-(sulfooxy)ethyl)sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-  
diyl]imino-4,1-phenylene]carbamoylimino)]bis[5-hydroxy-6-[(4-methyl-2-  
sulphophenyl)azo]- (9CI) (CA INDEX NAME)

PAGE 1-A





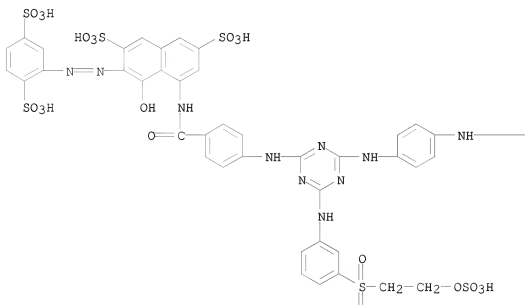
RN 107881-60-7 CAPLUS  
 CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino)-1,3,5-triazine-4,2-diyl]imino)-4,1-phenylenecarbonylimino]]bis[6-[(2,5-disulfophenyl)azo]-5-hydroxy- (9CI)  
 (CA INDEX NAME)

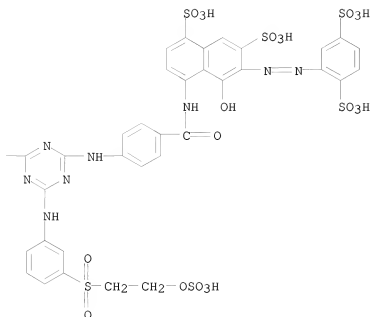




RN 107881-61-8 CAPLUS

CN 1,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-[[3-[[2-(sulfooxy)ethyl)sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]-4,1-phenylenecarbonylimino]]bis[6-[(2,5-disulfophenyl)azo]-5-hydroxy- (9CI)  
(CA INDEX NAME)

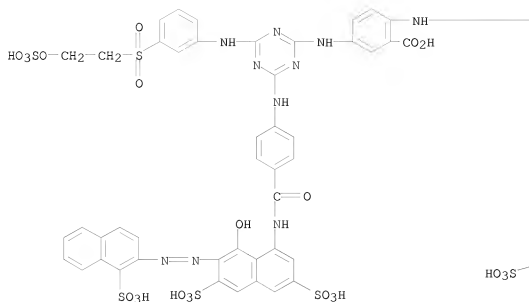




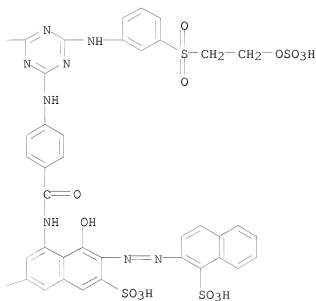
RN 107881-63-0 CAPLUS

CN Benzoic acid, 2,5-bis[[4-[[4-[[[8-hydroxy-3,6-disulfo-7-[(1-sulfo-2-naphthalenyl)azo]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[[3-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)  
(CA INDEX NAME)

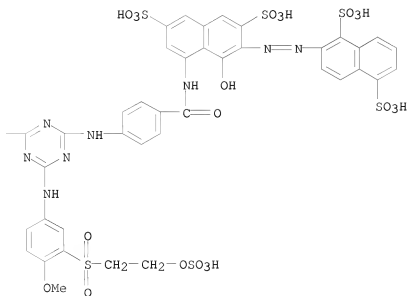
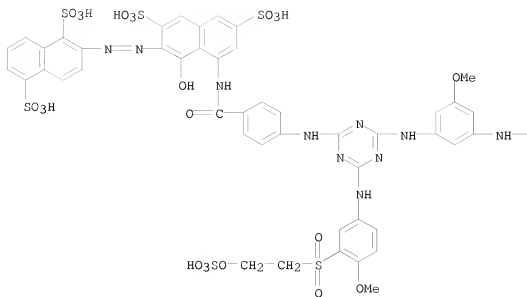
PAGE 1-A



PAGE 1-B

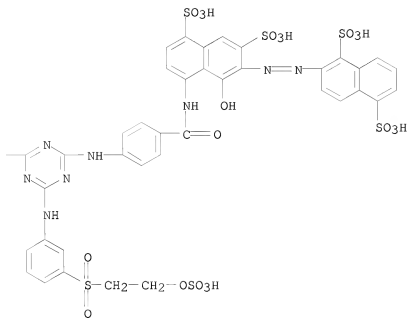
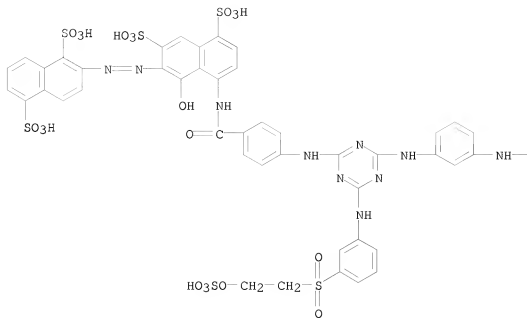


RN 107881-64-1 CAPLUS  
 CN 1,5-Naphthalenedisulfonic acid, 2,2'-[(5-methoxy-1,3-phenylene)bis[imino[6-  
 [[4-methoxy-3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-  
 4,2-diyl]imino-4,1-phenylenecarbonylimino(8-hydroxy-3,6-disulfo-1,7-  
 naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)



RN 107881-65-2 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 2,2'-[1,3-phenylenebis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenylenecarbonylimino(8-hydroxy-4,6-disulfo-1,7-naphthalenediyl)azo]]bis-(9CI) (CA INDEX NAME)

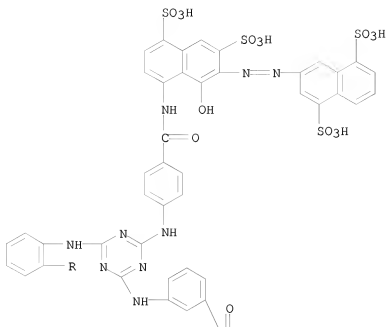


RN 107881-66-3 CAPLUS

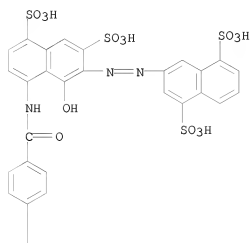
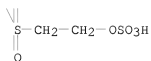
CN 1,5-Naphthalenedisulfonic acid, 3,3'-[1,2-phenylenebis(imino[6-[[3-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenylene]carbonylimino(8-hydroxy-4,6-disulfo-1,7-naphthalenediyl)azo]]bis-(9CI) (CA INDEX NAME)



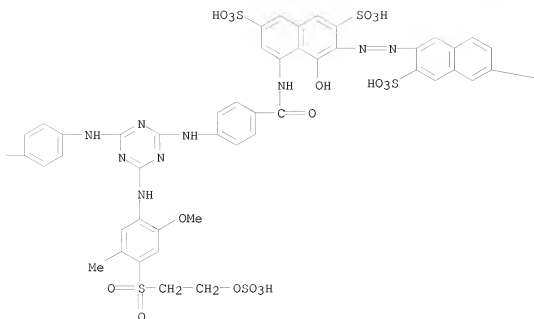
PAGE 1-A



PAGE 2-A



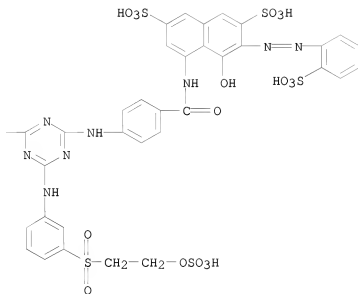
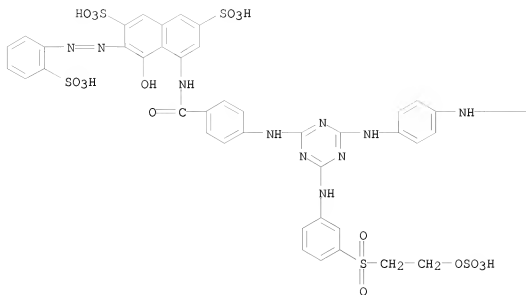




SO<sub>3</sub>H

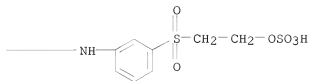
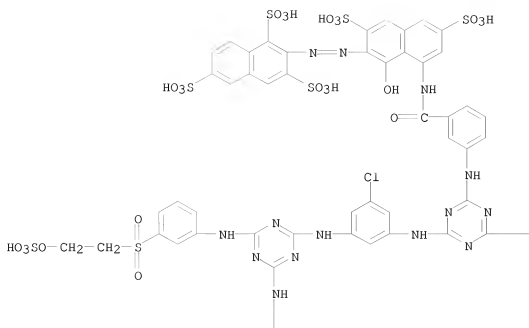


RN 107900-64-1 CAPLUS  
 CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenylenecarbonylimino]]bis[5-hydroxy-6-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)

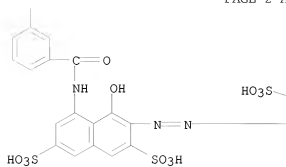


RN 107900-66-3 CAPLUS

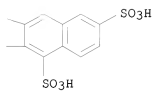
CN 1,3,6-Naphthalenetrisulfonic acid, 2,2'-[(5-chloro-1,3-phenylene)bis[imino[6-[13-[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-3,1-phenylenecarbonylimino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)



PAGE 2-A

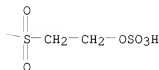
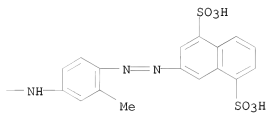
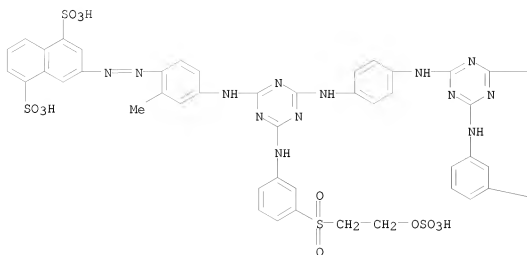


PAGE 2-B



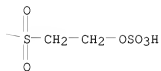
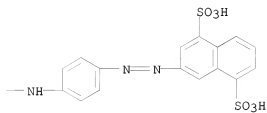
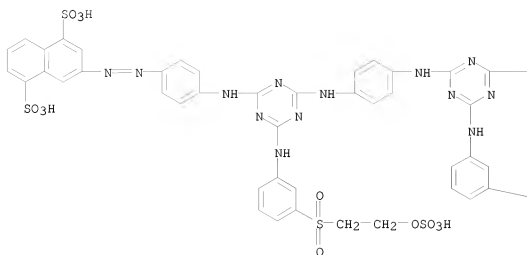
L4 ANSWER 57 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1986:462202 CAPLUS  
 DN 105:62202  
 OREF 105:10159a,10162a  
 TI Disazo reactive dyes for cellulose fibers  
 IN Niwa, Toshio; Katoh, Yoshiaki  
 PA Mitsubishi Chemical Industries Co., Ltd., Japan  
 SO Ger. Offen., 54 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3520287	A1	19851212	DE 1985-3520287	19850605
	DE 3520287	C2	19870108		
	JP 60260655	A	19851223	JP 1984-116192	19840606
	JP 04080949	B	19921221		
	JP 60260656	A	19851223	JP 1984-116193	19840606
	JP 04080950	B	19921221		
	JP 60260657	A	19851223	JP 1984-116195	19840606
	JP 04080951	B	19921221		
	JP 60260658	A	19851223	JP 1984-116196	19840606
	JP 04080952	B	19921221		
	US 4686286	A	19870811	US 1985-735561	19850517
	GB 2159829	A	19851211	GB 1985-14192	19850605
	GB 2159829	B	19871028		
	CH 662580	A5	19871015	CH 1985-2391	19850606
PRAI	JP 1984-116192	A	19840606		
	JP 1984-116193	A	19840606		
	JP 1984-116195	A	19840606		
	JP 1984-116196	A	19840606		
OS	CASREACT 105:62202				
IT	103487-71-4	103487-72-5	103487-73-6		
	103487-74-7	103487-75-8	103487-78-1		
	103487-80-5	103487-81-6	103487-82-7		
	103487-83-8	103487-84-9	103487-85-0		
	103487-86-1	103487-87-2	103487-90-7		
	103487-92-9	103487-93-0	103487-95-2		
	103487-96-3	103487-98-5	103487-99-6		
	103488-00-2	103488-01-3	103514-89-2		
	103514-90-5	103514-91-6	103514-92-7		
	103514-93-8	103514-94-9	103514-95-0		
	103514-98-3	103514-99-4	103537-63-9		
RL:	USES (Uses)				
	(reactive dye, for high-temperature dyeing of cotton)				
RN	103487-71-4	CAPLUS			
CN	1,5-Naphthalenedisulfonic acid, 3,3'-[1,4-phenylenebis[imino[6-[[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-methyl-4,1-phenylene)azo]]bis- (9CI) (CA INDEX NAME)				

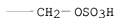
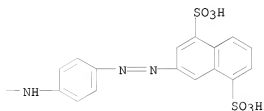
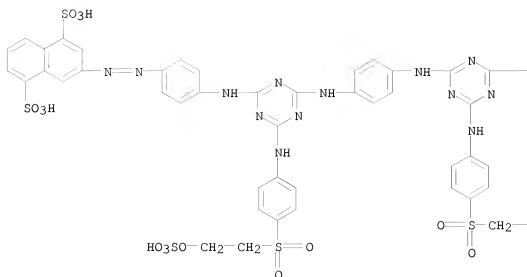


RN 103487-72-5 CAPLUS  
 CN 1,5-Naphthalenedisulfonic acid, 3,3'-[1,4-phenylenebis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenyleneazo]]bis- (9CI) (CA INDEX NAME)





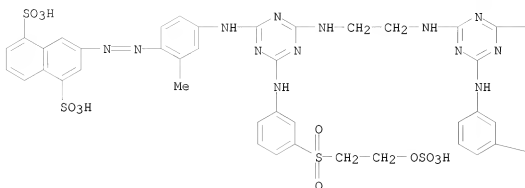
RN 103487-73-6 CAPLUS  
 CN 1,5-Naphthalenedisulfonic acid, 3,3'-[1,4-phenylenebis(imino[6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenyleneazo]]bis- (9CI) (CA INDEX NAME)



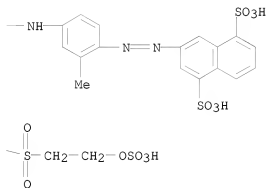
RN 103487-74-7 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 3,3'-[1,2-ethanediylbis[imino[6-[[3-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-methyl-4,1-phenylene)azo]]bis- (9CI) (CA INDEX NAME)

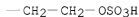
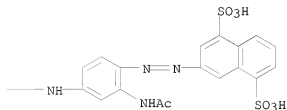
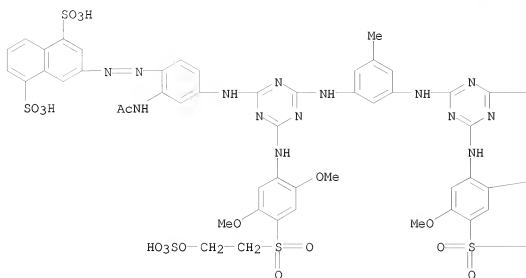
PAGE 1-A



PAGE 1-B

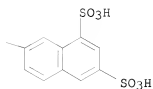
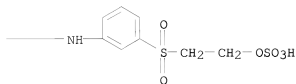
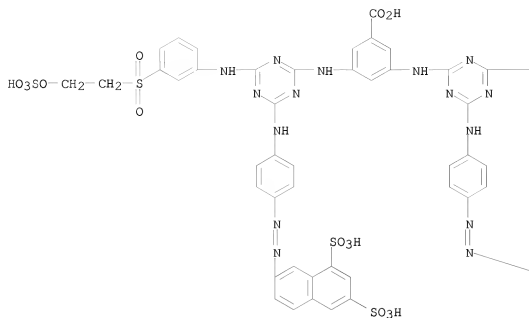


RN 103487-75-8 CAPLUS  
 CN 1,5-Naphthalenedisulfonic acid, 3,3'-[(5-methyl-1,3-phenylene)bis[imino[6-  
 [[2,5-dimethoxy-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-  
 triazine-4,2-diyl]imino[2-(acetylamino)-4,1-phenylene]azo]]bis- (9CI) (CA  
 INDEX NAME)



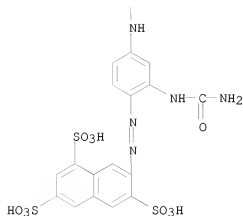
RN 103487-78-1 CAPLUS

CN Benzoic acid, 3,5-bis[[4-[[4-[(6,8-disulfo-2-naphthalenyl)azo]phenyl]amino]-6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI) (CA INDEX NAME)



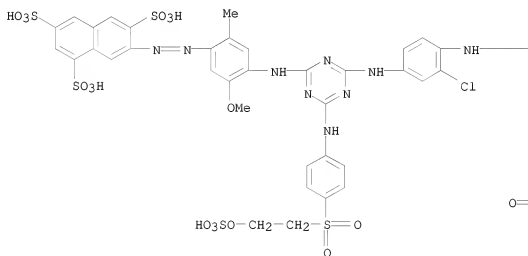
RN 103487-80-5 CAPLUS  
 CN 1,3,6-Naphthalenetrisulfonic acid, 7,7'-[2-sulfo-1,4-phenylene]bis[imino[6-[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino[2-[(aminocarbonyl)amino]-4,1-phenylene]azo]]bis-(9CI) (CA INDEX NAME)





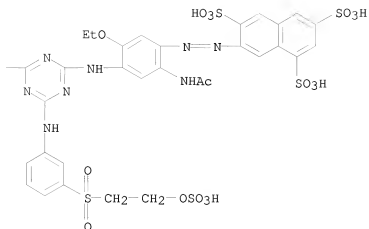
RN 103487-81-6 CAPLUS

CN 1,3,6-Naphthalenetrisulfonic acid, 7,7'-[(2-chloro-1,4-phenylene)bis[imino[6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(5-methoxy-2-methyl-4,1-phenylene)azo]bis- (9CI)  
(CA INDEX NAME)

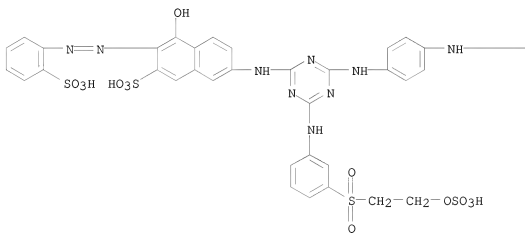


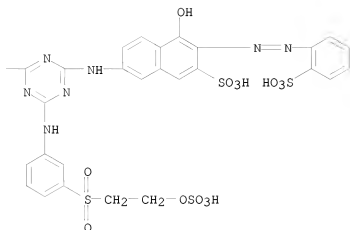




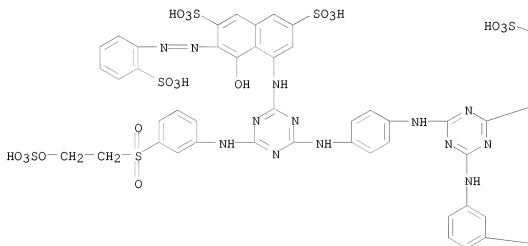


RN 103487-83-8 CAPLUS  
 CN 2-Naphthalenesulfonic acid, 7,7'-[1,4-phenylenebis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[4-hydroxy-3-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)

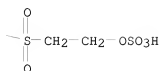
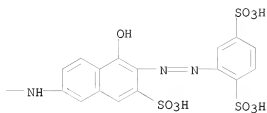




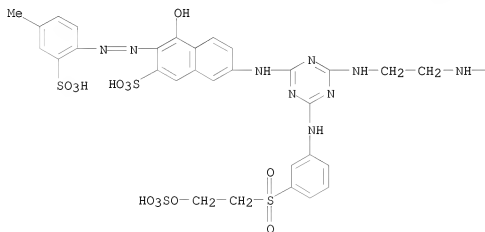
RN 103487-84-9 CAPLUS  
 CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-hydroxy-6-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)

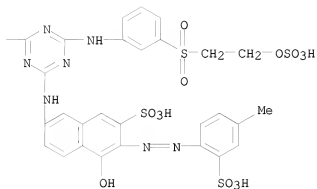




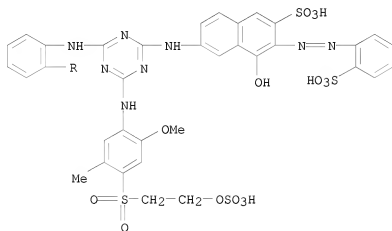


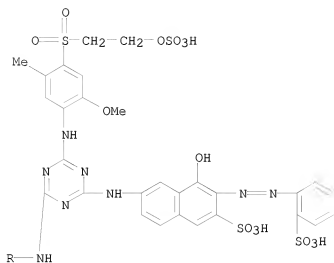
RN 103487-86-1 CAPLUS  
 CN 2-Naphthalenesulfonic acid, 7,7'-[1,2-ethanediylbis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[4-hydroxy-3-[(4-methyl-2-sulphophenyl)azo]- (9CI) (CA INDEX NAME)



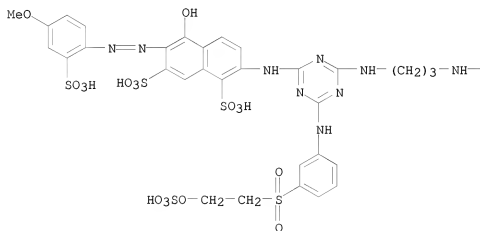


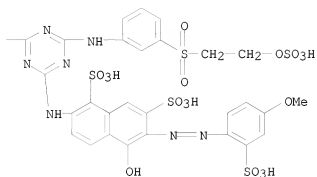
RN 103487-87-2 CAPLUS  
 CN 2-Naphthalenesulfonic acid, 6,6'-[1,2-phenylenebis(imino[6-[[[2-methoxy-5-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[4-hydroxy-3-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)





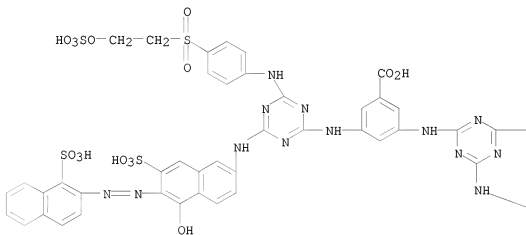
RN 103487-90-7 CAPLUS  
 CN 1,7-Naphthalenedisulfonic acid, 2,2'-[1,3-propanediylbis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino)]bis[5-hydroxy-6-[(4-methoxy-2-sulfonylphenyl)azo]- (9CI) (CA INDEX NAME)





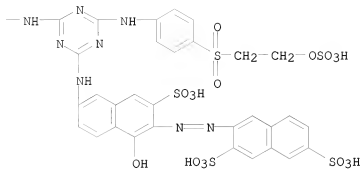
RN 103487-92-9 CAPLUS

CN Benzoic acid, 3,5-bis[[4-[[5-hydroxy-7-sulfo-6-[(1-sulfo-2-naphthalenyl)azo]-2-naphthalenyl]amino]-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)  
(CA INDEX NAME)

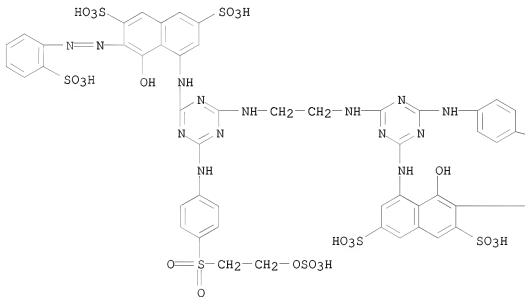




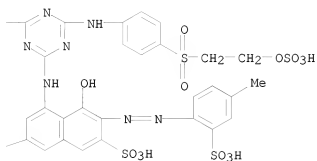




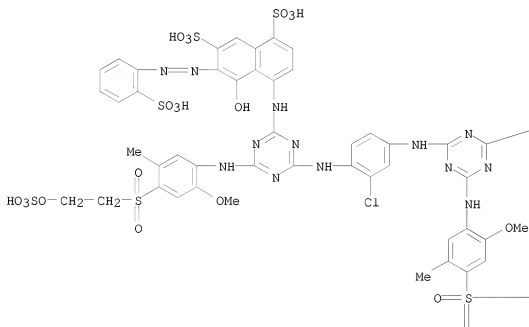
RN 103487-95-2 CAPLUS  
 CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,2-ethanediylbis(imino[6-[[4-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-hydroxy-6-(2-sulphophenyl)azo]- (9CI) (CA INDEX NAME)

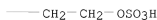
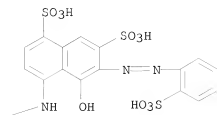




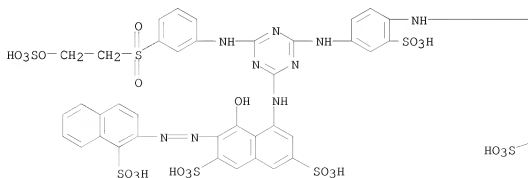


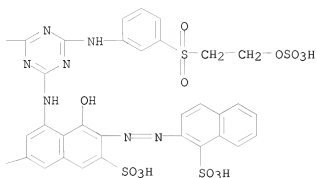
RN 103487-98-5 CAPLUS  
 CN 1,7-Naphthalenedisulfonic acid, 4,4'-[(2-chloro-1,4-phenylene)bis[imino[6-[[2-methoxy-5-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-hydroxy-6-[(2-sulphophenyl)azo]- (9CI) (CA INDEX NAME)





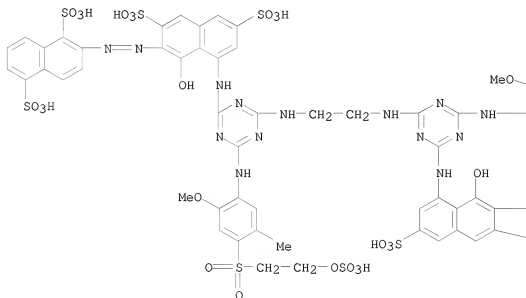
RN 103487-99-6 CAPLUS  
 CN 2,7-Naphthalenedisulfonic acid, 4,4'-[(2-sulfo-1,4-phenylene)bis[imino[6-[[3-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[5-hydroxy-6-[(1-sulfo-2-naphthalenyl)azo]- (9CI) (CA INDEX NAME)

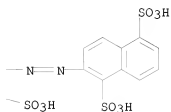
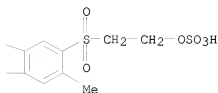




RN 103488-00-2 CAPLUS

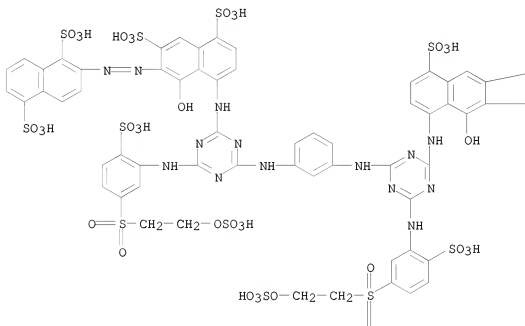
CN 1,5-Naphthalenedisulfonic acid, 2,2'-[1,2-ethanediylbis[imino[6-[[2-methoxy-5-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)



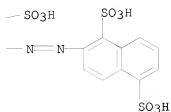


RN 103488-01-3 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 2,2'-[1,3-phenylenebis(imino[6-[[2-sulfo-5-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(8-hydroxy-4,6-disulfo-1,7-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)



PAGE 1-B

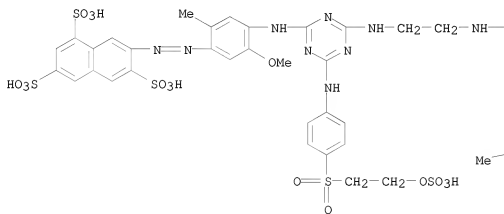


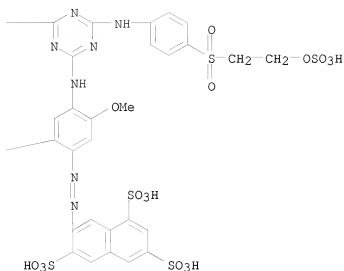
PAGE 2-A



RN 103514-89-2 CAPLUS  
 CN 1,3,6-Naphthalenetrisulfonic acid, 7,7'-[1,2-ethanediylbis[imino[6-[[4-[[2-(sulfooxy)ethylsulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(5-methoxy-2-methyl-4,1-phenylene)azo]]bis- (9CI) (CA INDEX NAME)

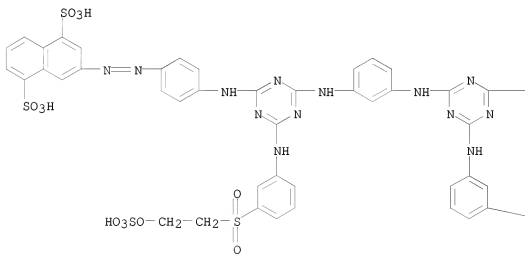
PAGE 1-A



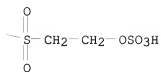
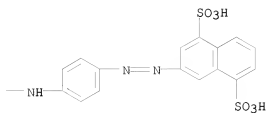


RN 103514-90-5 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 3,3'-[1,3-phenylenebis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-4,1-phenyleneazo)]bis- (9CI) (CA INDEX NAME)

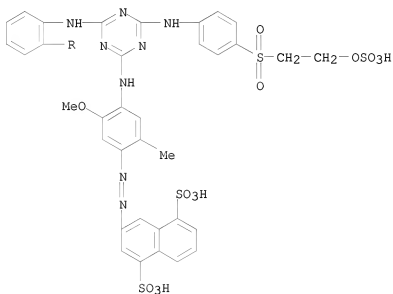


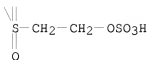
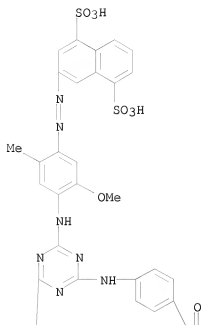




RN 103514-91-6 CAPLUS

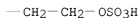
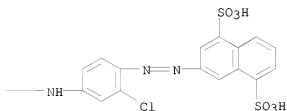
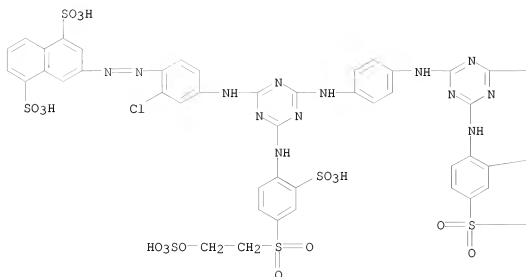
CN 1,5-Naphthalenedisulfonic acid, 3,3'-[1,2-phenylenebis(imino[6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(5-methoxy-2-methyl-4,1-phenylene)azo]]bis- (9CI) (CA INDEX NAME)





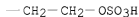
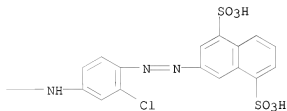
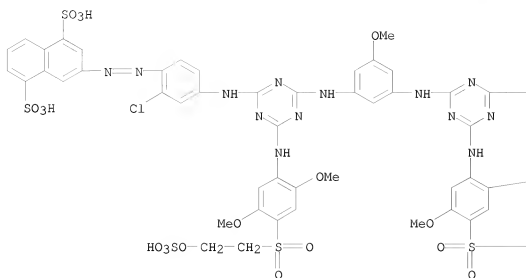
RN 103514-92-7 CAPLUS

CN 1,5-Naphthalenedisulfonic acid, 3,3'-[1,4-phenylenebis(imino[6-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-chloro-4,1-phenylene)azo]]bis- (9CI) (CA INDEX NAME)



RN 103514-93-8 CAPLUS

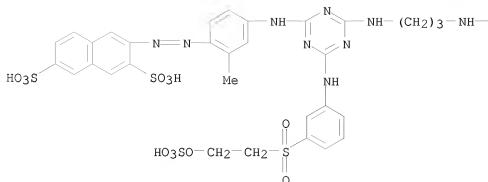
CN 1,5-Naphthalenedisulfonic acid, 3,3'-[[(5-methoxy-1,3-phenylene)bis[imino[6-[[2,5-dimethoxy-4-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-chloro-4,1-phenylene)azo]]bis- (9CI) (CA INDEX NAME)



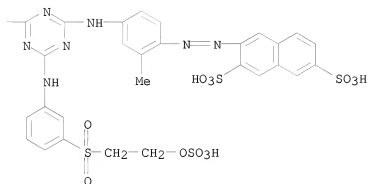
RN 103514-94-9 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 3,3'-[1,3-propanediylbis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino(2-methyl-4,1-phenylene)azo]]bis- (9CI) (CA INDEX NAME)

PAGE 1-A



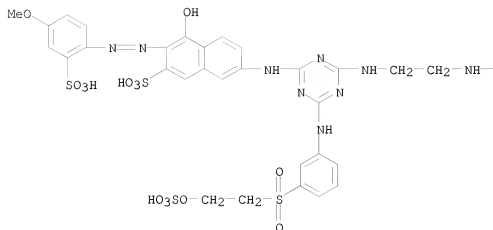
PAGE 1-B



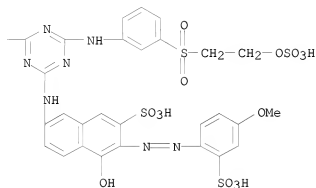
RN 103514-95-0 CAPLUS

CN 2-Naphthalenesulfonic acid, 7,7'-[1,2-ethanediylbis(imino[6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino)]bis[4-hydroxy-3-[(4-methoxy-2-sulphophenyl)azo]- (9CI) (CA INDEX NAME)

PAGE 1-A



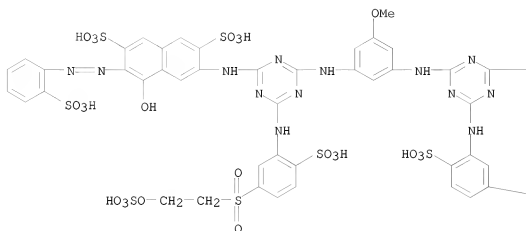
PAGE 1-B



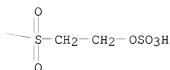
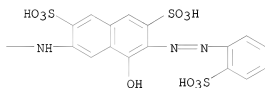
RN 103514-98-3 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 3,3'-[(5-methoxy-1,3-phenylene)bis[imino[6-  
[[2-sulfo-5-[[2-(sulfooxy)ethyl)sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-  
diyl]imino]]bis[5-hydroxy-6-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)

PAGE 1-A

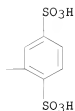
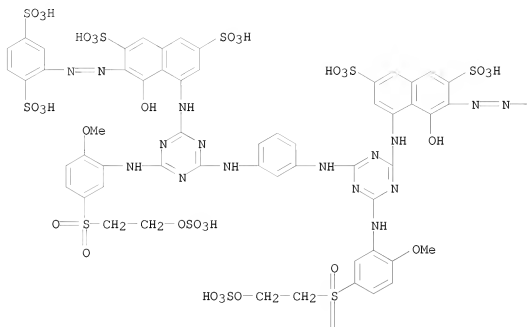


PAGE 1-B



RN 103514-99-4 CAPLUS

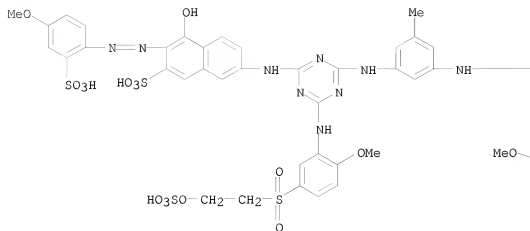
CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,3-phenylenebis(imino[6-[[2-methoxy-5-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino)]bis[6-[(2,5-disulfophenyl)azo]-5-hydroxy- (9CI) (CA INDEX NAME)



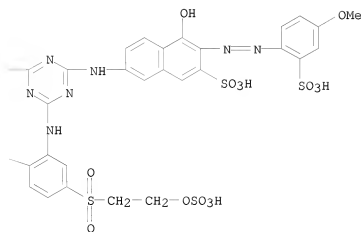
RN 103537-63-9 CAPLUS  
 CN 2-Naphthalenesulfonic acid, 7,7'-[(5-methyl-1,3-phenylene)bis[imino[6-[[2-methoxy-5-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis[4-hydroxy-3-[(4-methoxy-2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)



PAGE 1-A



PAGE 1-B





L4 ANSWER 59 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1983:541483 CAPLUS

DN 99:141483

OREF 99:21733a,21736a

TI Dyeing with direct dyes and post-treatment of the dyeings with cationic assistants

IN Koch, Werner

PA Sandoz-Patent-G.m.b.H., Fed. Rep. Ger.

SO Ger. Offen., 2/ pp.

CODEN: GWXXBX

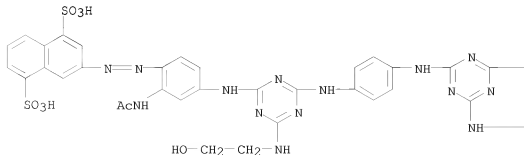
DT Patent

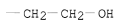
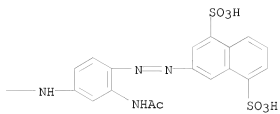
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3244999	A1	19830623	DE 1982-3244999	19821206
	DE 3244999	C2	19880107		
	FR 2518106	A1	19830617	FR 1982-20528	19821206
	FR 2518106	B1	19861205		
	CH 669305	A3	19890315	CH 1982-7078	19821206
	CH 669305	B5	19890915		
	CH 671025	A5	19890731	CH 1988-4316	19821206
	GB 2111538	A	19830706	GB 1982-34817	19821207
	GB 2111538	B	19850904		
	JP 58104957	A	19830622	JP 1982-215679	19821210
	JP 05025910	B	19930414		
	BR 8207197	A	19831011	BR 1982-7197	19821210
	ES 518092	A1	19840516	ES 1982-518092	19821210
	ZA 8209100	A	19840725	ZA 1982-9100	19821210
	US 4866163	A	19890912	US 1984-606341	19840502
	BE 904412	A7	19860630	BE 1986-11455	19860313
PRAI	DE 1981-3149140	A1	19811211		
	CH 1982-7078	A	19821206		
	ES 1982-518092		19821210		
	US 1982-448679	A1	19821210		
OS	MARPAT 99:141483				
IT	87246-25-1				
RL:	USES (Uses)				
	(dye, for cotton, preparation and application of)				
RN	87246-25-1 CAPLUS				
CN	1,5-Naphthalenedisulfonic acid, 3,3'-[1,4-phenylenebis(imino[6-[(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino[2-(acetylamino)-4,1-phenylene]azo]]bis- (9CI) (CA INDEX NAME)				

PAGE 1-A





L4 ANSWER 60 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1983:523614 CAPLUS  
 DN 99:123614  
 OREF 99:19049a,19052a  
 TI [(Alkylthiopropionyl)hydrazino]triazines and synthetic resin compositions  
 IN Minagawa, Motonobu; Haruna, Tohru; Takahashi, Masayuki  
 PA Adeka Argus Chemical Co., Ltd., Japan  
 SO Eur. Pat. Appl., 75 pp.

CODEN: EPXXDW

DT Patent  
 LA English

FAN.CNT 1

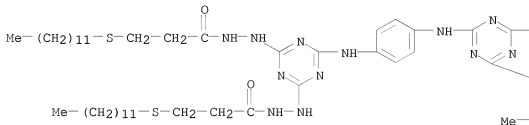
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 81235	A2	19830615	EP 1982-111322	19821207
	EP 81235	A3	19840328		
	EP 81235	B1	19870415		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
	JP 58098344	A	19830611	JP 1981-197569	19811208
	JP 01017505	B	19890330		
	US 4469828	A	19840904	US 1982-443363	19821122
	AT 26573	T	19870515	AT 1982-111322	19821207
PRAI	JP 1981-197569	A	19811208		
	EP 1982-111322	A	19821207		
OS	MARPAT 99:123614				
IT	87092-87-3				

RL: PEP (Physical, engineering or chemical process); PROC (Process)  
 (heat stabilizers, for polyolefins)

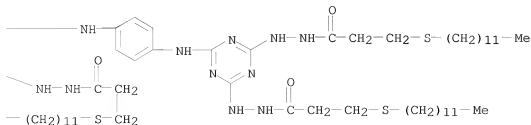
RN 87092-87-3 CAPLUS

CN Propanoic acid, 3-(dodecylthio)-, 2,2',2'',2'''-[6-[2-[3-(dodecylthio)-1-oxopropyl]hydrazino]-1,3,5-triazine-2,4-diyl]bis(imino-4,1-phenyleneimino-1,3,5-triazine-6,2,4-triyl)]tetrahydrazide (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B





L4 ANSWER 61 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1981:452616 CAPLUS

DN 95:52616

OREF 95:8795a,8798a

TI Optical brightening agents as cationic dye mordants

IN Evans, Graham

PA Ciba-Geigy A.-G., Switz.

SO Brit. UK Pat. Appl., 5 pp.

CODEN: BAXXDU

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2042751	A	19800924	GB 1980-2768	19800128
	GB 2042751	B	19830309		
PRAI	GB 1979-4089	A	19790206		
	GB 1979-35518	A	19791012		
IT	77539-04-9 77539-05-0 77539-06-1				
	77552-93-3				

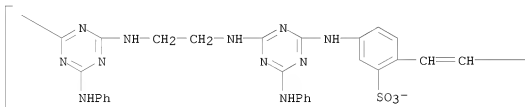
RL: USES (Uses)

(oligomeric, cationic dye mordants and optical brighteners, for diffusion-transfer photog.)

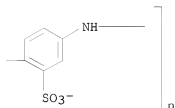
RN 77539-04-9 CAPLUS

CN Poly[[6-(phenylamino)-1,3,5-triazine-2,4-diyl]imino-1,2-ethanediyylimino[6-(phenylamino)-1,3,5-triazine-2,4-diyl]imino(3-sulfo-1,4-phenylene)-1,2-ethenediyl(2-sulfo-1,4-phenylene)imino ion(2-)] (9CI) (CA INDEX NAME)

PAGE 1-A



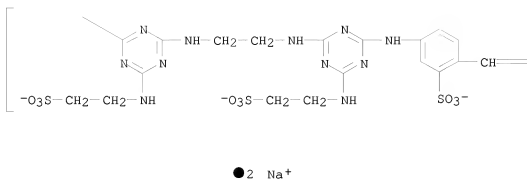
PAGE 1-B



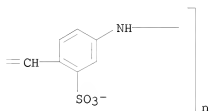
RN 77539-05-0 CAPLUS

CN Poly[[6-[(2-sulfoethyl)amino]-1,3,5-triazine-2,4-diyl]imino-1,2-ethanediyylimino[6-[(2-sulfoethyl)amino]-1,3,5-triazine-2,4-diyl]imino(3-sulfo-1,4-phenylene)-1,2-ethenediyl(2-sulfo-1,4-phenylene)imino disodium salt] (9CI) (CA INDEX NAME)

PAGE 1-A



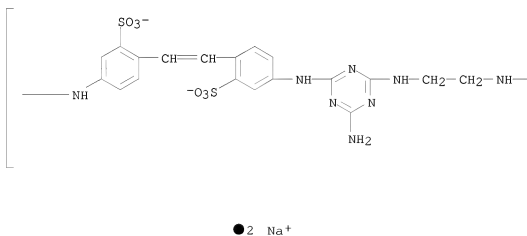
PAGE 1-B



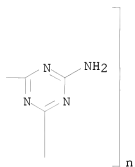
RN 77539-06-1 CAPLUS

CN Poly[(6-amino-1,3,5-triazine-2,4-diyl)imino-1,2-ethanedithylimino(6-amino-1,3,5-triazine-2,4-diyl)imino(3-sulfo-1,4-phenylene)-1,2-ethenediyl(2-sulfo-1,4-phenylene)imino disodium salt] (9CI) (CA INDEX NAME)

PAGE 1-A

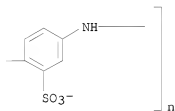
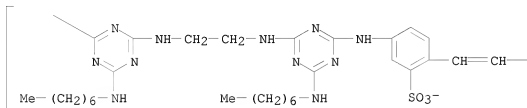






RN 77552-93-3 CAPLUS

CN Poly[[6-(heptylamino)-1,3,5-triazine-2,4-diyl]imino-1,2-ethanediylimino[6-(heptylamino)-1,3,5-triazine-2,4-diyl]imino(3-sulfo-1,4-phenylene)-1,2-ethenediyl(2-sulfo-1,4-phenylene)imino] (9CI) (CA INDEX NAME)



10/580,237

L4 ANSWER 62 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1976:544067 CAPLUS

DN 85:144067

OREF 85:23101a,23104a

TI Fluorescent whitening agents for amino resins

IN Suzuki, Kazuaki

PA Showa Chemical Industries, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 51076383	A	19760701	JP 1974-148941	19741227
	JP 52028477	B	19770727		
PRAI	JP 1974-148941	A	19741227		
IT	60534-76-1				

RL: USES (Uses)

(fluorescent whitening agents, for amino resins)

RN 60534-76-1 CAPLUS

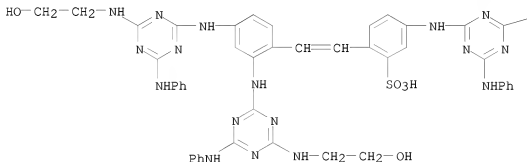
CN Benzenesulfonic acid, 2-[2-[2,4-bis[[4-[(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]phenyl]ethenyl]-5-[[4-[(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, compd. with N,N-diethylethanamine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 60534-75-0

CMF C47 H48 N18 O6 S

PAGE 1-A



PAGE 1-B

—NH-CH2-CH2-OH

CM 2

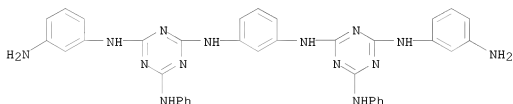
CRN 121-44-8

CMF C6 H15 N

10/580,237



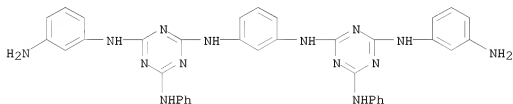
L4 ANSWER 63 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1975:428204 CAPLUS  
 DN 83:28204  
 OREF 83:4517a,4520a  
 TI Formation of azo macroheterocycles  
 AU Borodkin, V. F.; Makarycheva, A. V.  
 CS Ivanov. Khim.-Tekhnol. Inst., Ivanovo, USSR  
 SO Izvestiya Vysshikh Uchebnykh Zavedenii, Khimiya i Khimicheskaya  
 Tekhnologiya (1975), 18(2), 238-41  
 CODEN: IVUKAR; ISSN: 0579-2991  
 DT Journal  
 LA Russian  
 OS CASREACT 83:28204  
 IT 55775-22-9P 55777-88-3P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 55775-22-9 CAPLUS  
 CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-1,3-phenylenebis[N'-(3-aminophenyl)-  
 N''-phenyl- (9CI) (CA INDEX NAME)



RN 55777-88-3 CAPLUS  
 CN 1,3,5-Triazine-2,4,6-triamine, N,N'''-1,3-phenylenebis[N'-(3-aminophenyl)-  
 N''-phenyl-, octaacetyl deriv. (9CI) (CA INDEX NAME)

CM 1

CRN 55775-22-9  
 CMF C36 H32 N14



CM 2

CRN 64-19-7  
 CMF C2 H4 O2





L4 ANSWER 64 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1972:441344 CAPLUS

DN 77:41344

OREF 77:6831a,6832a

TI Supersensitizing dyes for silver halide photographic emulsions

IN Shiba, Keisuke; Hinata, Masanao; Sato, Akira; Misu, Hiroshi

PA Fuji Photo Film Co., Ltd.

SO U.S., 13 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3649288	A	19720314	US 1970-56959	19700721
	JP 49025501	B	19740701	JP 1969-57545	19690721
	BE 753689	A	19701231	BE 1970-753689	19700720
	FR 2055343	A5	19710507	FR 1970-26635	19700720
	GB 1312101	A	19730404	GB 1970-35144	19700720
	CA 975604	A1	19751007	CA 1970-88559	19700720
PRAI	JP 1969-57545	A	19690721		

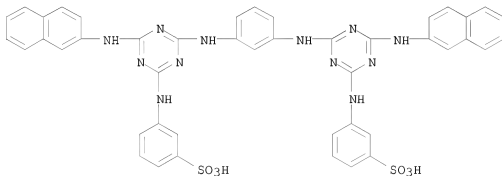
IT 33585-12-5

RL: USES (Uses)

(photog. supersensitizers from cyanine dyes containing ketomethylene nuclei and)

RN 33585-12-5 CAPLUS

CN Benzenesulfonic acid, 3,3'-[1,3-phenylenebis(imino[6-(2-naphthalenylamino)-1,3,5-triazine-4,2-diyl]imino)]bis-, disodium salt (9CI) (CA INDEX NAME)



10/580,237

=> d 65-68 bib hitstr

L4 ANSWER 65 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1972:106427 CAPLUS

DN 76:106427

OREF 76:17113a,17116a

TI Direct-positive photographic silver halide emulsions containing cyanine dye sensitizers

IN Shiba, Keisuke; Hinata, Masanao; Ohi, Reiichi; Kondo, Tokiharu; Sato, Akira; Yamasue, Koutaro

PA Fuji Photo Film Co., Ltd.

SO Ger. Offen., 49 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

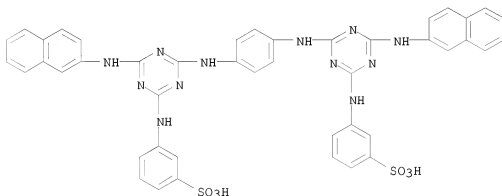
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2127346	A	19711209	DE 1971-2127346	19710602
	DE 2127346	B2	19731031		
	DE 2127346	C3	19740530		
	JP 48042494	B	19731213	JP 1970-47380	19700602
	FR 2097822	A5	19720303	FR 1971-19938	19710602
	CA 975606	A1	19751007	CA 1971-114642	19710602
	US 3887380	A	19750603	US 1973-390264	19730821
	PRAI JP 1970-47380	A	19700602		
	BE 1971-104148	A	19710602		
	CA 1971-114642	A	19710602		
PRAI	DE 1971-2127346	A	19710602		
	FR 1971-19938	A	19710602		
	JP 1971-18670	A	19710602		
	US 1971-149272	A2	19710602		
	IT 28791-55-1				

RL: USES (Uses)

(photographic supersensitizers from cyanine dyes and)

RN 28791-55-1 CAPLUS

CN Benzenesulfonic acid, 3,3'-[1,4-phenylenebis(imino[6-(2-naphthalenylamino)-1,3,5-triazine-4,2-diyl]imino)]bis-, disodium salt (9CI) (CA INDEX NAME)





L4 ANSWER 66 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1972:29522 CAPLUS

DN 76:29522

OREF 76:4774h,4775a

TI Photographic silver halide emulsion for direct positive images

IN Shiba, Keisuke; Hinata, Masanao; Yamasue, Koutaro; Kondo, Tokiharu

PA Fuji Photo Film Co., Ltd.

SO Ger. Offen., 28 pp.

CODEN: GWXXEX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----		-----	-----	-----
PI	DE 2113443	A	19710930	DE 1971-2113443	19710319
	JP 48043132	B	19731217	JP 1970-23343	19700319
	BE 764588	A1	19710816	BE 1971-101205	19710319
	FR 2084899	A5	19711217	FR 1971-9736	19710319
	US 3725074	A	19730403	US 1971-125992	19710319
	CA 985557	A1	19760316	CA 1971-108162	19710319
	GB 1308411	A	19730228	GB 1971-24739	19710419
PRAI	JP 1970-23343	A	19700319		

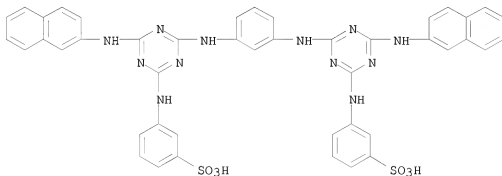
IT 33585-12-5

RL: USES (Uses)

(direct-pos. photographic emulsions containing phenylxanthene sensitizers and)

RN 33585-12-5 CAPLUS

CN Benzenesulfonic acid, 3,3'-[1,3-phenylenebis[imino[6-(2-naphthalenylamino)-1,3,5-triazine-4,2-diyl]imino]]bis-, disodium salt (9CI) (CA INDEX NAME)



L4 ANSWER 67 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1971:413534 CAPLUS

DN 75:13534

OREF 75:2157a,2160a

TI Supersensitized photographic silver halide emulsions

IN Shiba, Keisuke; Hinata, Masanao; Sato, Akira; Misu, Hiroshi

PA Fuji Photo Film Co., Ltd.

SO Ger. Offen., 41 pp.

CODEN: GWXXEX

DT Patent

LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2036133	A	19710211	DE 1970-2036133	19700721
	DE 2036133	B2	19730530		
	DE 2036133	C3	19731213		
	JP 49025501	B	19740701	JP 1969-57545	19690721
	BE 753689	A	19701231	BE 1970-753689	19700720
	FR 2055343	A5	19710507	FR 1970-26635	19700720
	GB 1312101	A	19730404	GB 1970-35144	19700720
	CA 975604	A1	19751007	CA 1970-88559	19700720
PRAI	JP 1969-57545	A	19690721		

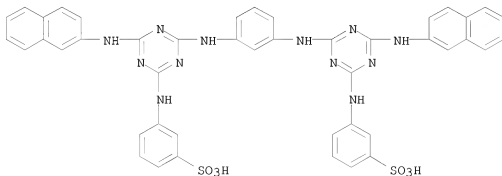
IT 33585-12-5

RL: USES (Uses)

(photographic supersensitizers from polymethine dyes and)

RN 33585-12-5 CAPLUS

CN Benzenesulfonic acid, 3,3'-[1,3-phenylenebis[imino[6-(2-naphthalenylamino)-1,3,5-triazine-4,2-diyl]imino]]bis-, disodium salt (9CI) (CA INDEX NAME)



L4 ANSWER 68 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1970:430652 CAPLUS

DN 73:30652

OREF 73:5087a

TI	Sensitized photographic emulsions
----	-----------------------------------

IN Sato, Akira; Misu, Hiroshi; Shiba, Keisuke; Hinata, Masanao

PA Fuji Photo Film Co., Ltd.

SO Fr., 11 pp.

CODEN: FRXXAK

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1564517		19690425	FR	19671204
	DE 1597589			DE	
	GB 1211735			GB	
	GB 1296717			GB	
	US 3635721		19720118	US	19671204
FRAI JP		19661203			

10/580,237

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

256.44

435.47

STN INTERNATIONAL LOGOFF AT 06:12:54 ON 23 JUN 2008